



# QDX, MSX and MSS range.

Safety and reliability for industry  
and the tertiary sector

**GEWiSS**

**Low voltage synergy** Since its foundation, GEWISS has adopted continual development as the guiding principle for its corporate management, creating exceptional and high-quality solutions. Over the years, this vocation has taken shape in a business model based mainly on continuous investments aimed at research and development, the preparation of all personnel, and the enhancement of production facilities.



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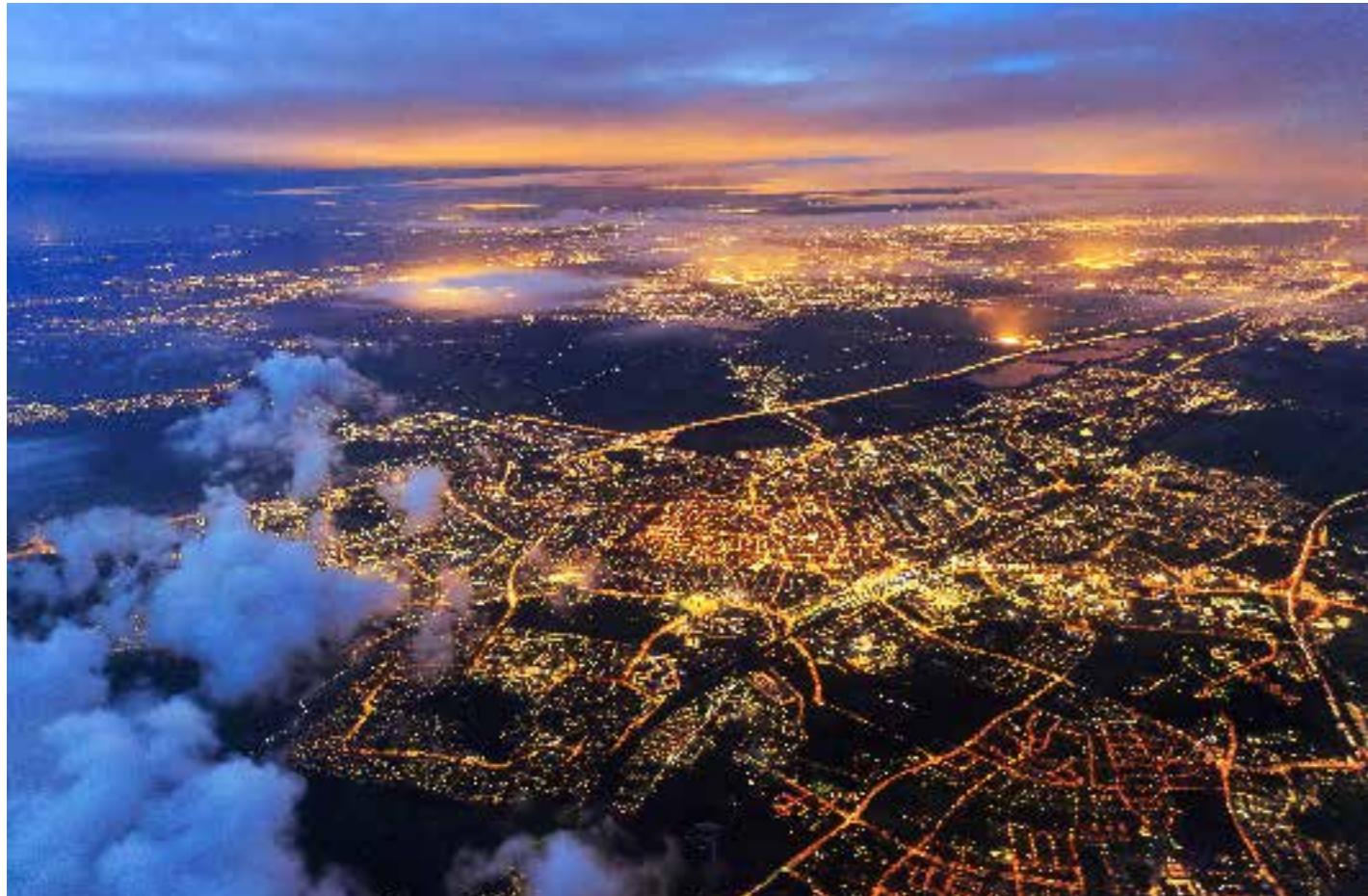
Low-voltage power distribution

# Safety and ability to handle change

Wherever electric power is concerned, safety must always be the priority. Thanks to careful design and controls, all GEWISS products meet the highest international standards for reliability, durability, and material quality.



# Electricity is the future



Electricity will play an increasingly crucial role in the future, influencing various aspects of our daily life and society as a whole.

The growing importance of electricity can be highlighted through various aspects, with particular attention given to electric infrastructure and emerging solutions.



Protection  
of property and  
people



Resistant,  
cutting-edge  
products



Reliability  
of Service  
continuity



Optimization  
and reliability

## Decarbonisation and sustainability

The transition towards more sustainable energy sources is a global priority, and electricity plays a fundamental role in this process. The adoption of renewables, such as solar and wind energy, requires advanced electrical infrastructure for the generation, distribution and storage of energy.

## Digitalisation and automation

Electric infrastructure is becoming increasingly intelligent and digitalised. Smart grids enable more efficient energy management, improving resilience, safety and adaptability to evolving requirements.

## Electrification of key sectors

The electrification of sectors such as heating and industry is a crucial step towards reducing greenhouse gas emissions. It requires investment in electric infrastructure to support the growing demand in these sectors.

## Resilience and safety

Given the growing dependence on electricity, electric infrastructure resilience and safety are increasingly important issues. Advanced protection systems and risk management strategies are essential to ensure uninterrupted supply.

## Protection of property and people

Every GEWISS system is engineered to operate safely, safeguarding both the surrounding environment and all personnel involved in operation and maintenance.

## Resistant, cutting-edge products

Each GEWISS product meets the needs of a constantly evolving market and is made with robust materials to meet any service needs.

## Reliability of service continuity

Relying on GEWISS products allows you to create solutions that manage any energy stops, automatically, or that allow them to be managed and reactivated immediately.

## Optimization and reliability

The synergy between all GEWISS products enables the creation of interchangeable, adaptable and optimisable structures. This allows the creation of high-quality distribution nodes while significantly reducing time and resource consumption.

Ready for every  
requirement, in every  
sector

To each application  
its value

The GEWISS system of distribution boards offers a complete, cutting-edge solution for the distribution of low-voltage power. The advanced design and technological innovation of these boards ensures efficient energy management, supplying customised and reliable solutions for the specific needs of each sector.



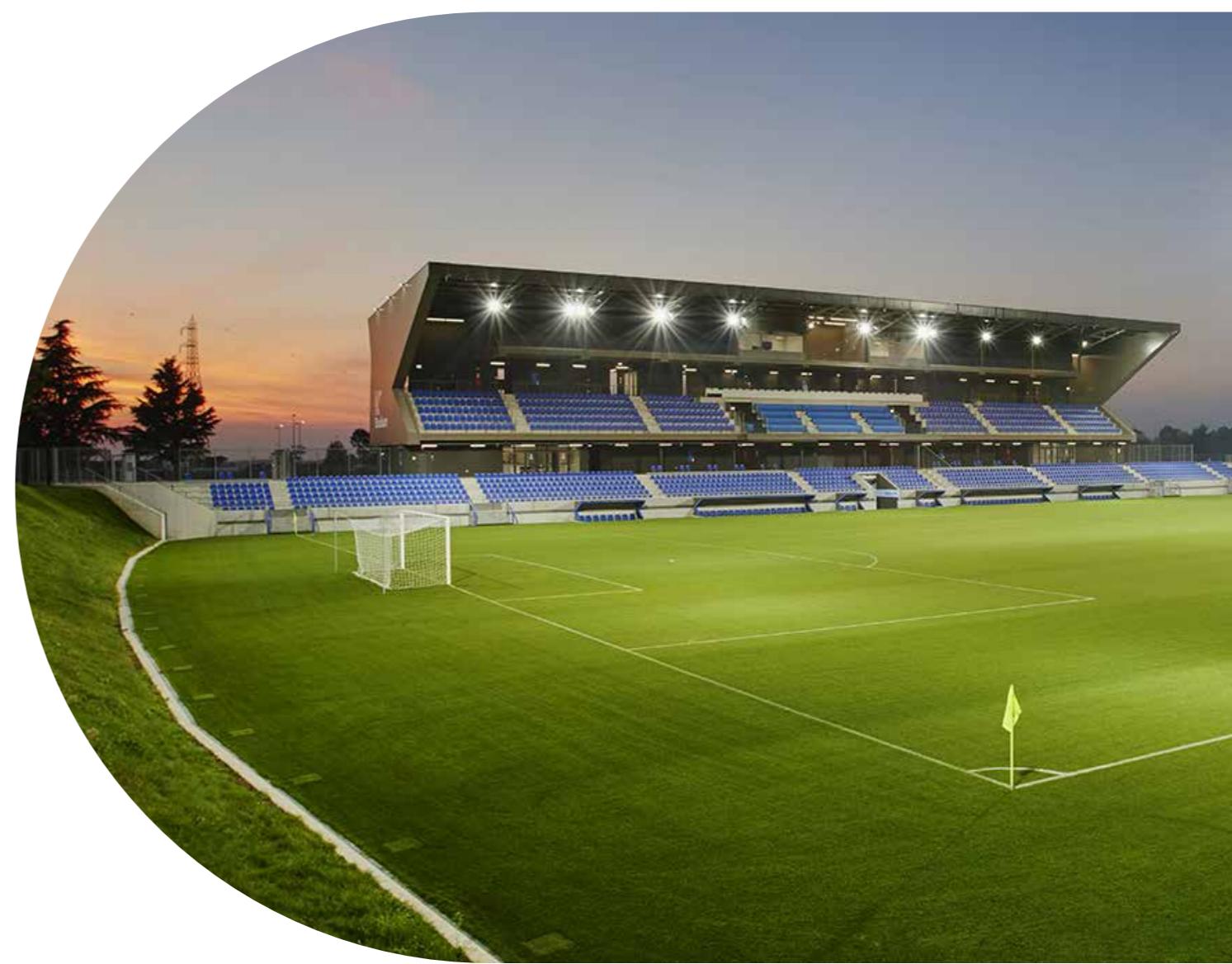
# Full synergy between solution and services

The components of the **QDX** distribution board and cabinet range, of the **MSX** moulded case circuit breaker range, and of the **MSS** rotary disconnector switch range represent an ideal solution for a wide variety of applications.

GEWISS ensures the protection of its boards by complying with all the relevant regulatory standards, offering advanced carpentry that is carefully designed to adapt to challenging environments, such as those that involve complex processes.

The synergy between the boards, rotary switches, circuit breakers and accessories supplied by GEWISS ensures high levels of safety and protection. This synergy is beneficial in all environments: **INDUSTRY**, **SPORT**, **OFFICES** and **HOSPITALITY**.

In addition, GEWISS offers a full range of value-added services that cover the entire life cycle of the products and solutions. Thanks to the development of dedicated software and mobile applications, cost estimation, management and design of systems has become considerably more simple and accessible.



# A complete and flexible offer

GEWISS offers its clients the option to choose between three different supply methods for its distribution boards.

For all **QDX** versions, GEWISS offers a quotation, sizing, wiring and customisation service.



Loose material



Independence, adaptability and flexibility.  
GEWISS distribution boards feature a modular design that allows them to be supplied as modular kits, giving customers the freedom to create fully customised solutions tailored to their specific needs and technical requirements.

Versions sold with this system  
✓ QDX 630L  
✓ QDX 630H  
✓ QDX 1600H

Pre-assembled



GEWISS manages the most complex and costly phases of assembly: metalwork assembly, busbar distribution, installation and connection of ACBs and, when required, the assembly and wiring of MCCBs.

The customer then completes the wiring to obtain a solution fully aligned with their project specifications.

Versions sold with this system  
✓ QDX 4000H

Wired

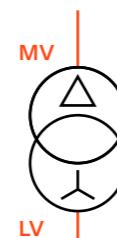


Supply of the turnkey GEWISS certified board, fully assembled and wired, ready for on-site installation. GEWISS ensures the supply of the complete board according to the specific requirements of the project.

Excellence, reliability and professional expertise combine to deliver a comprehensive and high-value service.

Versions sold with this system  
✓ QDX 4000H  
✓ QDX 630L  
✓ QDX 630H  
✓ QDX 1600H

# Complete solution for your system



GEWISS offers a complete solution for energy distribution thanks to the **QDX** distribution board range. High-performance reliability from the **QDX 4000H** low-voltage primary distribution board, up to the **QDX 1600H**, **QDX 630H** and **QDX 630L** secondary distribution boards.

## QDX 4000H LV PRIMARY DISTRIBUTION



LV SECONDARY  
DISTRIBUTION

## QDX 1600H



## QDX 630H FLOOR MOUNTED



## QDX 630H WALL MOUNTED



## QDX 630L FLOOR MOUNTED



## QDX 630L WALL MOUNTED



# Distribution boards and cabinets

## QDX Range



The **GEWISS QDX** range of boards is designed to offer maximum robustness and reliability in any installation context. Every detail is carefully studied to ensure excellent performance and durability over time.

Each kit in the **QDX** range is specifically designed to make the assembly process as simple and quick as possible, minimising the effort required by the operator during installation.

The carefully studied solutions and components designed for easy integration aim to simplify the assembly procedure, while ensuring maximum efficiency and reliability of the system.

In brief, the **GEWISS QDX** range is synonymous with robustness, reliability, and ease of installation, supplying efficient, high-quality solutions for different applications.

### Main characteristics of the range

- ⊕ Monobloc or modular structure in welded metal sheet
- ⊕ Common internal accessories for every need across the whole range
- ⊕ Entirely removable front part
- ⊕ Side coupling option
- ⊕ Epoxy powder coating after phosphating in RAL 7035 B colour
- ⊕ Hinged front panels and open/close system with quarter-turn screws
- ⊕ Frames with 100 mm hole pitch



### Aluminium busbars

In addition to copper flat and shaped busbars, the range includes profiled busbars in anodized aluminum with nickel-coated contact surface applied using cold spray technology.

### Assembly/disassembly of DIN rails

Simple and immediate screwless mounting system, thanks to the quick assembly and disassembly of aluminium double DIN rails.

### Door disassembly

Exclusive simplified door removal system, with external pins that facilitate disassembly.

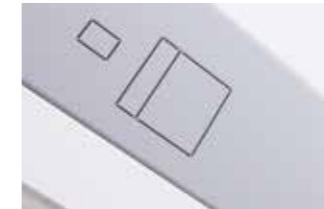
### Door handle

Ergonomic handle already equipped with safety key for all boards.



### Cable duct fixing

Simple and immediate fixing via supports that can be adapted to each height of the cable duct.



### Moulded case circuit breakers panels

MCCB panels equal for both 3 poles and 4 poles, with pre-drilled window.



### Hinges and locks

Exclusive system that provides quick panel opening and closing with  $\frac{1}{4}$  turn screws. All panels are reversible: the locks with hinges can be reversed in few seconds.



### Segregation forms

Vertical and horizontal segregation forms between circuit breakers and busbars with easily workable dividers. A practical and cost-effective advantage.



Solutions for every need



Wide range of accessories



Maximum security



Quick fixing



No screws no tools



Sturdiness and design

- ✓ DIN rail kit
- ✓ MCCB panels
- ✓ Panels with windows
- ✓ Blind panels
- ✓ DIN rail supports
- ✓ Cable duct supports
- ✓ terminal block supports and earth busbar

### ACCESSORIES - Convenience at your fingertips installation and maintenance made simple



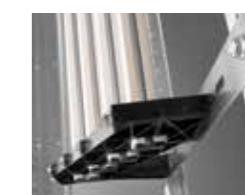
Hammer screws



Modular circuit breakers connection bar



Connection with brass washer



Bar alignment system



Phase and neutral identifiers



**Rated current:**  
up to 4000 A

**IP rating:**  
IP30, IP31, IP41, IP42, IP55

**Segregation forms:**  
form 1, form 2A, form 2B, form 3A, form 3B, form 4A, form 4B

**Sheet steel thickness:**  
20/10

**Width:**  
600 mm - 24 modules  
600 + 300 mm - 24 modules + side compartment  
600 + 400 mm - 24 modules + side compartment  
800 mm - 34 modules  
800 + 300 mm - 24 modules + side compartment  
800 + 400 mm - 24 modules + side compartment  
1000 mm - 46 modules  
300 mm - external compartment  
400 mm - external compartment

**Height:**  
1800 mm  
2000 mm

**Depth:**  
800 mm  
1000 mm  
1200 mm  
1400 mm  
1600 mm

### FLOOR MOUNTED

**Rated current:** up to 1600 A      **IP rating:** IP55 - IP30

**Segregation forms:**  
form 1/ form 2

#### Width:

600 mm - 24 modules  
600 + 300 mm - 24 modules + side compartment  
850 mm - 35 modules  
400 mm - external compartment

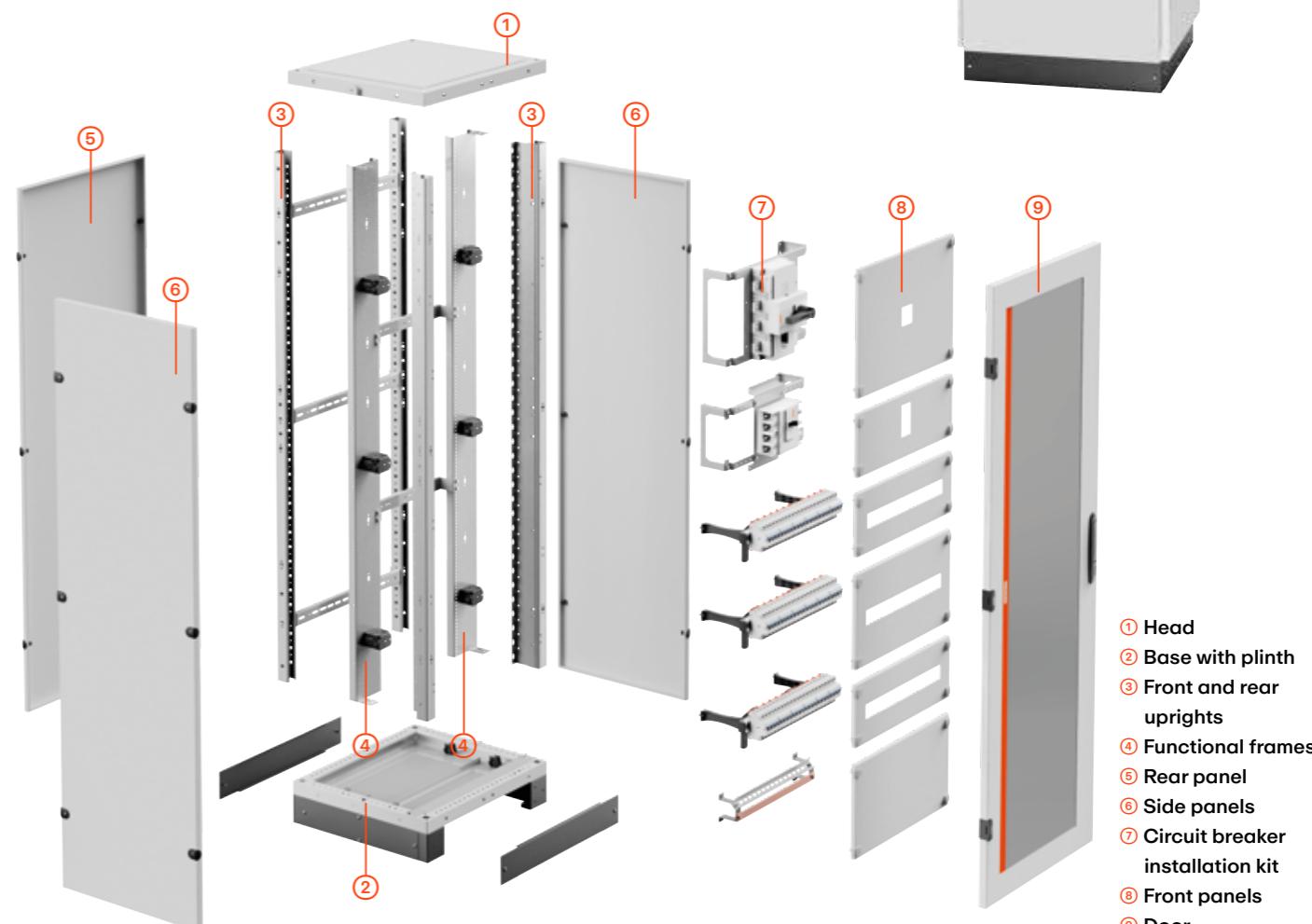
#### Height:

1800 mm  
2000 mm

#### Depth:

600 mm  
800 mm

**Sheet steel thickness:**  
20/10 mm



Note: available by order only in pre-assembled or wired versions.

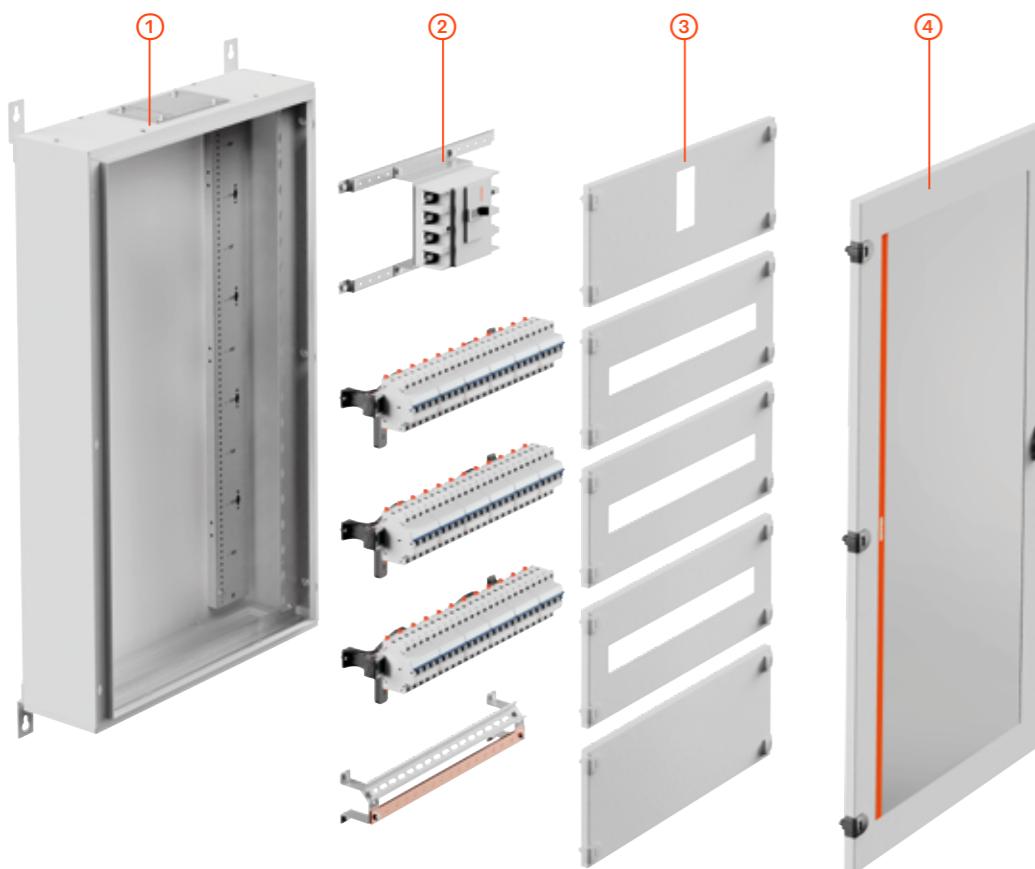
**WALL MOUNTED**

**Rated current:** up to 250A    **IP rating:** IP55    **Segregation forms:** form 1

**Width:**

600 mm - 24 modules  
600 + 200 mm - 24 modules + side compartment  
850 mm - 35 modules

**Height:** 1000 mm    **Depth:** 200 mm    **Sheet steel thickness:** 12/10 mm  
1200 mm    300 mm



- ① Case
- ② Circuit breaker installation kit
- ③ Front panels
- ④ Door

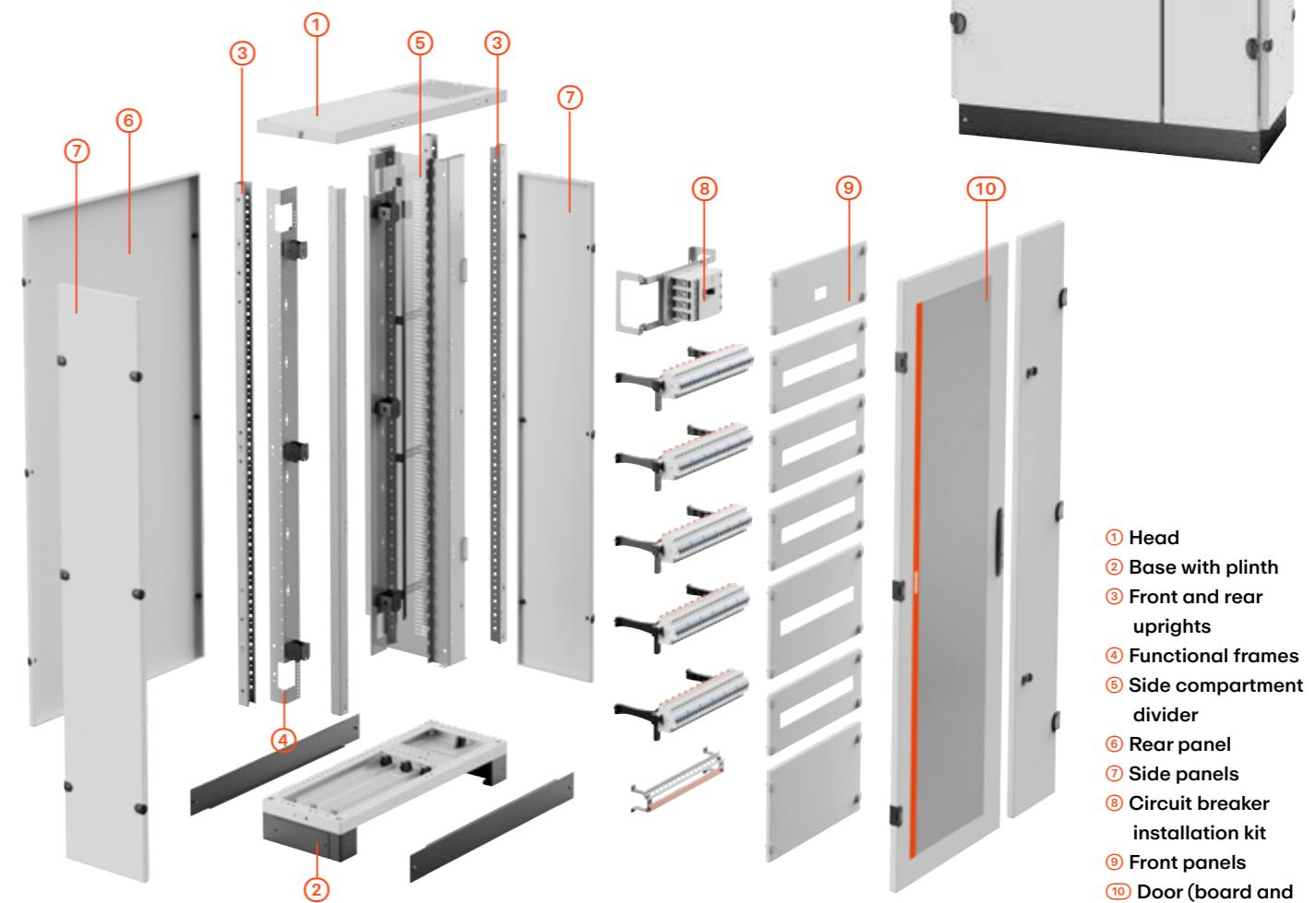
**FLOOR MOUNTED**

**Rated current:** up to 630A    **IP rating:** IP55 - IP30    **Segregation forms:** form 1/form 2

**Width:**

600 mm - 24 modules  
600 + 300 mm - 24 modules + side compartment  
850 mm - 35 modules  
400 mm - external compartment

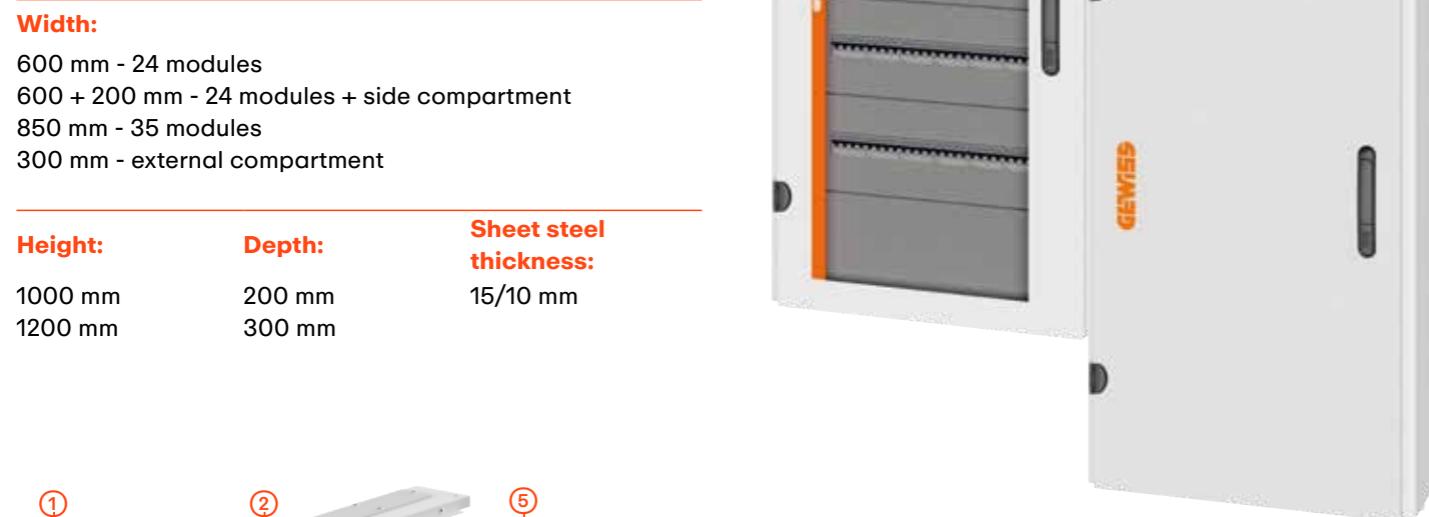
**Height:** 1600 mm    **Depth:** 250 mm    **Sheet steel thickness:** 15/10 mm  
1800 mm    400 mm  
2000 mm



- ① Head
- ② Base with plinth
- ③ Front and rear uprights
- ④ Functional frames
- ⑤ Side compartment divider
- ⑥ Rear panel
- ⑦ Side panels
- ⑧ Circuit breaker installation kit
- ⑨ Front panels
- ⑩ Door (board and compartment)

**WALL MOUNTED**

**Rated current:** up to 400A    **IP rating:** IP43    **Segregation forms:** form 1/ form 2



**Width:**  
600 mm - 24 modules  
600 + 200 mm - 24 modules + side compartment  
850 mm - 35 modules  
300 mm - external compartment

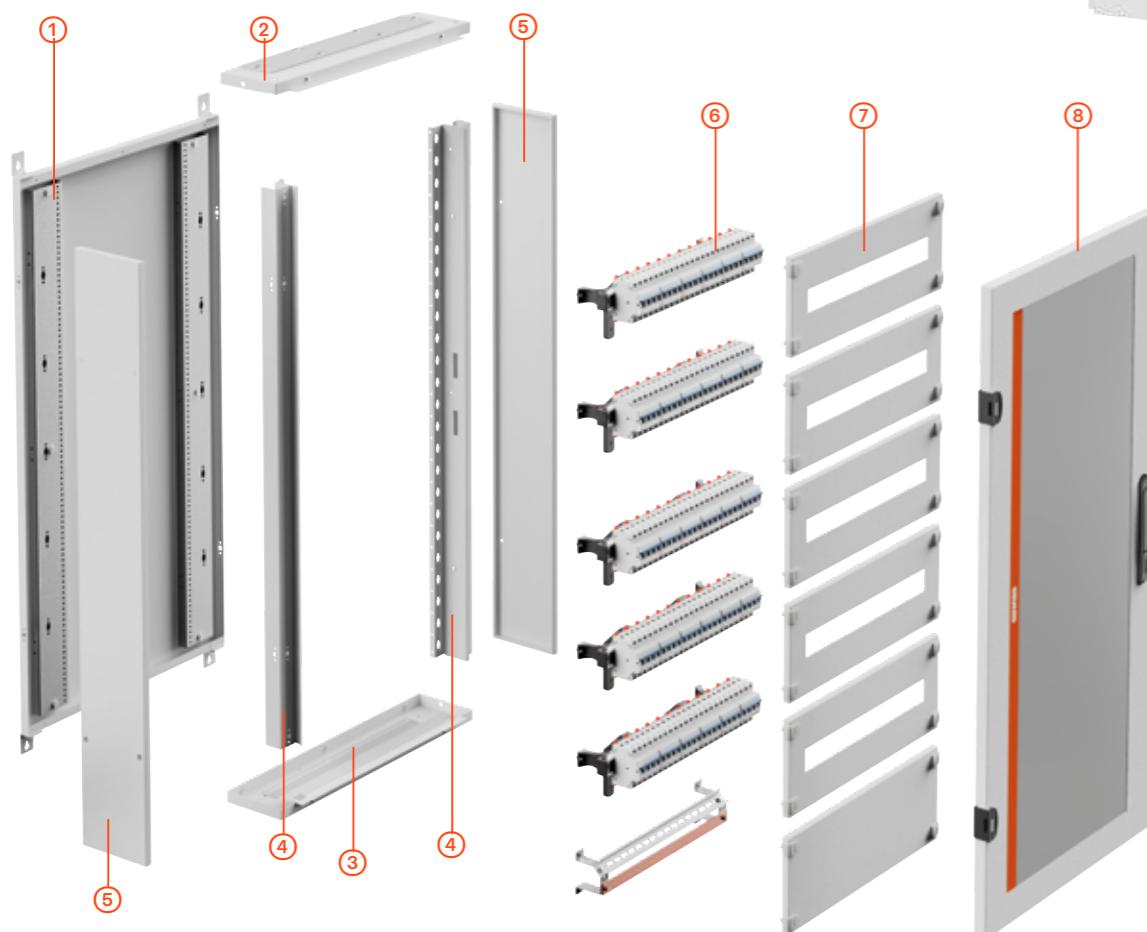
**Height:** 1000 mm    **Depth:** 200 mm    **Sheet steel thickness:** 15/10 mm  
1200 mm    300 mm

**FLOOR MOUNTED**

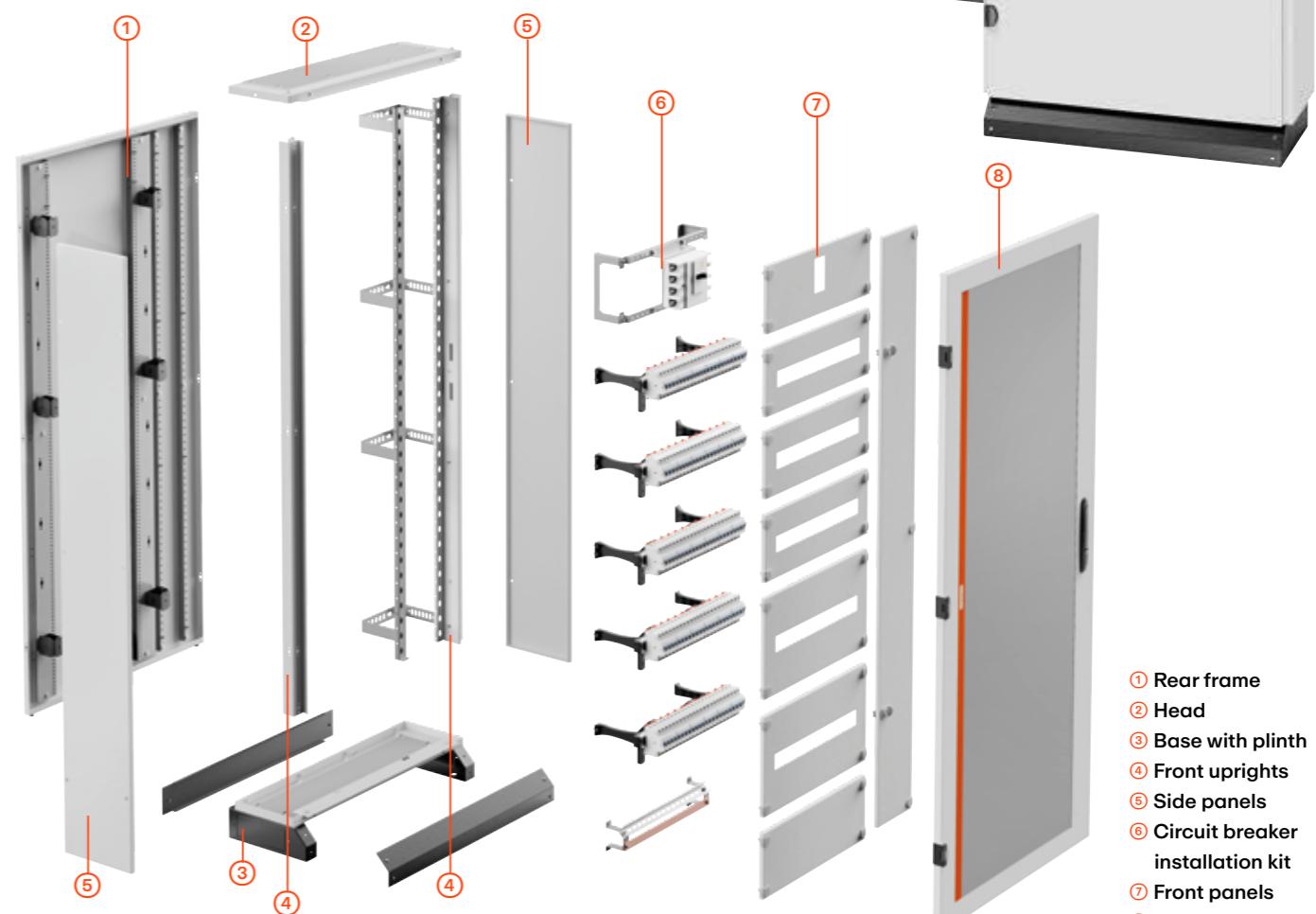
**Rated current:** up to 630A    **IP rating:** IP43    **Segregation forms:** form 1/ form 2

**Width:**  
600 mm - 24 modules  
600 + 200 mm - 24 modules + side compartment  
850 mm - 35 modules  
400 mm - external compartment

**Height:** 1600 mm    **Depth:** 200 mm    **Sheet steel thickness:** 15/10 mm  
1800 mm    300 mm  
2000 mm



① Rear frame  
② Head  
③ Base  
④ Front uprights  
⑤ Side panels  
⑥ Circuit breaker installation kit  
⑦ Front panels  
⑧ Door



① Rear frame  
② Head  
③ Base with plinth  
④ Front uprights  
⑤ Side panels  
⑥ Circuit breaker installation kit  
⑦ Front panels  
⑧ Door

# Moulded case and air circuit breakers

## MSX Range

The circuit breaker in the **GEWISS MSX** range are designed to provide complete protection from short circuits and overloads in a wide range of installations, thereby contributing to the integrity of the entire electrical system.

Thanks to the advanced technology and high-quality materials used in their construction, the **GEWISS MSX** range circuit breaker offer reliable and long-lasting performance. Their advanced protection mechanisms, such as the highly-efficient electronic release devices, ensure that the system is promptly isolated from potentially dangerous situations.

In addition, the **MSX** range is designed for versatility and can be adapted to various types of system, providing a reliable and robust solution to guarantee the safety and continuity of the electrical system in any application context.



### Main characteristics of the range

- ⊕ Versions available with residual current protection already integrated into the circuit breaker
- ⊕ Compatibility with the entire GEWISS QDX distribution board and cabinet range
- ⊕ Immediate indication of circuit breaker status via coloured displays
- ⊕ Maximum precision in adjustments
- ⊕ Wide range of accessories

## Moulded case circuit breakers up to 1600A Air circuit breakers up to 4000A

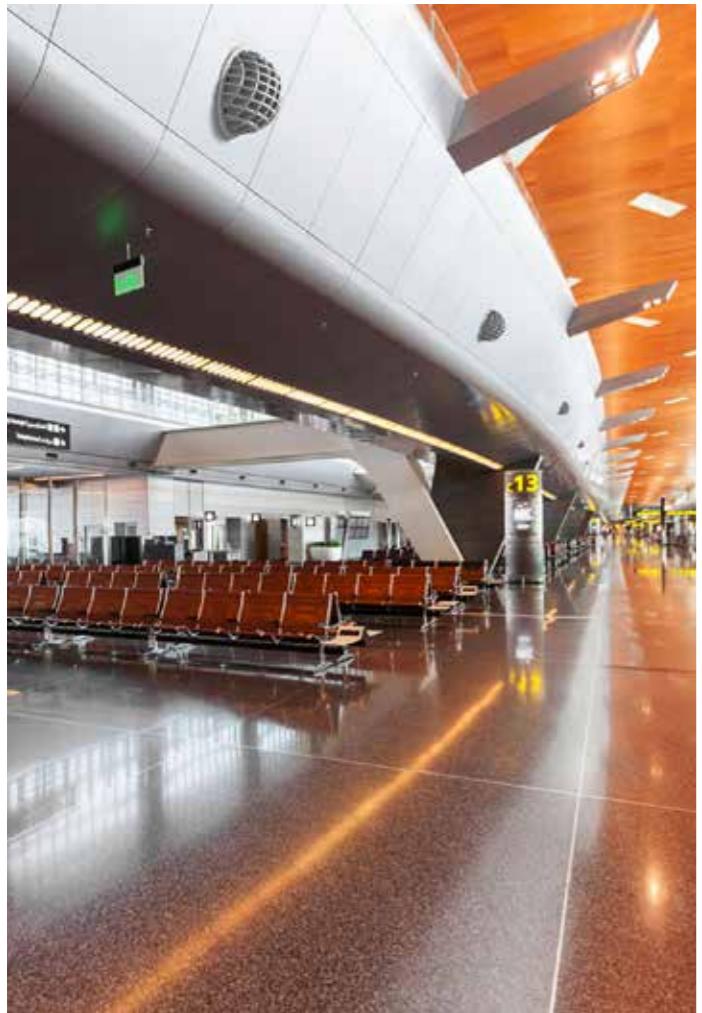
The **MSX** moulded case and air circuit breakers ensure safety and reliability for circuit protection and isolation, up to 1600A for moulded case circuit breakers, and 4000A for air circuit breakers. The 6 available versions: **MSXc** - **MSX** - **MSXD** - **MSXE** - **MSXM** - **MSX AIR** make the range ideal for every application, and represent the right choice based on the type of function and need.

Applications up to 1600A  
for moulded case circuit  
breakers

Breaking capacity  
16-125kA

Rated current adjustment  
Thermal-magnetic MCCBs: 0.63÷1  
Electronic MCCBs: 0.4÷1

Applications up to 4000A  
for air circuit breakers



### LONGER LIFE CYCLE

Installing a durable product is a good environmental policy. By installing a MCCB, the service life is at least 30,000 mechanical operations (size 250 A). This means 22,000 more operations than those recommended by IEC 60947-2, the international standard governing circuit breakers.

For end-of-life recycling of the product, we have adopted the following criteria:



Modularity of the design to allow easy disassembly and elimination of components and accessories. Organic parts do not contain embedded metal elements.



Clear marking of materials to allow easy identification and correct recycling.



### Integrated Residual Current Protection

Integrated residual current protection with the same dimensions as a traditional thermal magnetic MCCB, without the need for the installation of external relays or additional add-on devices.



### Unchanged performance at high temperatures

Superior reliability and performance even at high temperatures, no derating of performance up to 50°C.



### Cable mechanical interlock

Flexibility of use thanks to the possibility of combining MCCBs of different sizes, also positioned in different columns and without the use of plates dedicated to interlocking.



### Eco-friendly materials

Lead-free welds and cadmium-free contacts.



### Easier adjustments

Easier adjustments with preconfigured curves and rotary selectors on the front of MCCBs.



### Simplified installation

Fast and easy accessory integration thanks to clip installation that does not require dedicated tools.

# Electromechanical moulded case circuit breakers

## MSXc

Compact versions distinguished by high performance, to save on cost and space, while offering exceptional quality at a competitive price. The circuit breakers are designed with double insulation and are equipped with terminals for connection with cables lacking cable terminals, making them particularly practical for small currents. Internal accessories, such as opening releases and auxiliary contacts, offer easy installation thanks to the clip-hook design and are standard across the range. The presence of a single-screw front access door not only facilitates assembly, but identifies the installation position of the various accessories and makes assembly and maintenance easy.



### MSX 160c

**Rated current:**  
25A - 40A - 63A - 80A - 100A - 125A - 160A  
**Breaking capacity:**  
16kA - 25kA  
**Number of poles:**  
3P - 3P+N  
**Release device:**  
TrMf  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
Fixed 600A (In = 25A - 40A)  
Fixed 1000A (In = 63A - 80A)  
Fixed 1500A (In = 100A - 125A)  
Fixed 1600A (In = 160A)

## MSX

Models in the MSX range offer higher breaking capacities, reaching values of 36kA and 85kA. They guarantee superior breaking performance, ensuring effective protection for crucial components of the electrical system. The MSX range also offers the option to implement a mechanical and electrical interlock, preventing simultaneous insertion. All models offer the option to mount a front motor control unit that allows the circuit breaker to be opened and closed remotely. The ease of installation and maintenance is further optimised by the presence of a kit that permits the easy and immediate removal of individual circuit breaker.



### MSX 125

**Rated current:**  
20A - 32A - 50A - 63A - 100A - 125A  
**Breaking capacity:**  
36kA - 65kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
TrMr - TMG - Mr  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
6 - 8 - 10 - 12 x In ( $\leq 100A$ )  
6 - 8 - 10 x In (125A)  
Fixed 3 x In (TMG)

### MSX 160

**Rated current:**  
160A  
**Breaking capacity:**  
36kA - 65kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
TrMr - TMG - Mr  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
6 - 8 - 10 - 13 x In  
Fixed 3 x In (TMG)



### MSX 250c

**Rated current:**  
160A - 250A  
**Breaking capacity:**  
16kA - 25kA  
**Number of poles:**  
3P - 3P+N  
**Release device:**  
TrMr  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
6 - 8 - 10 - 13 x In (160A)  
5 - 7 - 9 - 11 x In (250A)



### MSX 250

**Rated current:**  
250A  
**Breaking capacity:**  
36kA - 65kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
TrMr  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
6 - 8 - 10 x In  
Fixed 3 x In (TMG)

### MSX 400

**Rated current:**  
400A  
**Breaking capacity:**  
36kA - 50kA - 85kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
TrMr  
**Thermal adjustment:**  
0.63 - 0.8 - 1 x In  
**Magnetic adjustment:**  
6 - 8 - 10 - 12 x In

# Electronic moulded case circuit breakers

## MSXE

Models equipped with an electronic release mechanism offer considerable flexibility in adjustment, allowing their curves to be adapted to a wide range of application conditions. The operating current can be varied within the range of 0.4 to 1 times the rated current ( $I_n$ ). MSXE models are ready-to-use, thanks to the pre-set time-current trip curves visible on the front of the product. Each curve can be easily configured via two very simple adjustments: the left trimmer adapts the rated current of the circuit breaker according to the conductor flow rate, while the right trimmer allows you to select one of the pre-set time-current intervention curves.



**MSXE 160**

**Rated current:**  
40A - 125A - 160A  
**Breaking capacity:**  
36kA - 65kA - 125kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Electronic LSI

**MSXE 250**

**Rated current:**  
250A  
**Breaking capacity:**  
36kA - 65kA - 125kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Electronic LSI



**MSXE 1000**

**Rated current:**  
800A - 1000A  
**Breaking capacity:**  
50kA - 70kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Eletctronic LSI - LSIG

**MSXE 1250**

**Rated current:**  
1250A  
**Breaking capacity:**  
50kA - 70kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Eletctronic LSI - LSIG



**MSXE 400**

**Rated current:**  
400A  
**Breaking capacity:**  
36kA - 50kA - 85kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Eletctronic LSI - LSIG

**MSXE 630**

**Rated current:**  
630A  
**Breaking capacity:**  
36kA - 50kA - 70kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Eletctronic LSI - LSIG



**MSXE 1600**

**Rated current:**  
1600A  
**Breaking capacity:**  
50kA  
**Number of poles:**  
3P - 3P+N - 4P  
**Release device:**  
Eletctronic LSI - LSIG

# MCCBs with integrated residual current protection

## MSXD

These models ensure protection from overloads, short circuits and earth leakage, providing three levels of safety in a single circuit breaker in the same size as a traditional circuit breaker. With elevated performance and simple installation, they offer an increase in safety and space saving. Each model has the same dimensions, fixing points and performance as a thermal magnetic MCCB and also provides residual current protection without the need for external relays or additional add-on devices..



### MSXD 125

<b>Rated current:</b> 20A - 32A - 50A - 63A - 100A - 125A	<b>Magnetic adjustment:</b> Fixed $10 \times I_n$ ( $I_n = 20A \div 63A \div 125A$ ) Fixed 1250A ( $I_n = 100A$ )
<b>Breaking capacity:</b> 25kA - 36kA	<b>RCD adjustment:</b> 0.03A - 0.1A - 0.3A - 0.5A - 1A - 3A
<b>Number of poles:</b> 3P - 3P+N	<b>Adjustment of RCD intervention time:</b> 0s - 60ms - 200ms - 400ms - 700ms
<b>Release device:</b> TrMf - Dr	
<b>Thermal adjustment:</b> 0.63 - 0.8 - $1 \times I_n$	



### MSXD 250

<b>Rated current:</b> 250A	<b>Rated current:</b> 160A
<b>Breaking capacity:</b> 25kA - 36kA	<b>Breaking capacity:</b> 25kA - 36kA
<b>Number of poles:</b> 3P - 3P+N	<b>Number of poles:</b> 3P - 3P+N
<b>Release device:</b> TrMf - Dr	<b>Release device:</b> TrMf - Dr
<b>Thermal adjustment:</b> 0.63 - 0.8 - $1 \times I_n$	<b>Thermal adjustment:</b> 0.63 - 0.8 - $1 \times I_n$
<b>Magnetic adjustment:</b> Fixed 2500A	<b>Magnetic adjustment:</b> Fixed 2080A
<b>RCD adjustment:</b> 0.03A - 0.1A - 0.3A - 0.5A - 1A - 3A	<b>RCD adjustment:</b> 0.03A - 0.1A - 0.3A - 0.5A - 1A - 3A
<b>Adjustment of RCD intervention time:</b> 0s - 60ms - 200ms - 400ms - 700ms	<b>Adjustment of RCD intervention time:</b> 0s - 60ms - 200ms - 400ms - 700ms

# Switch disconnectors

## MSXM

Switch disconnectors are designed to open and close electrical circuits with or without load in complete safety. All models in the MSXM range share the same internal accessories, such as opening release and auxiliary contacts, and the same external accessories, such as handles and motor control units, present in the corresponding MSXc and MSX automatic circuit breakers.



### MSXM 160c

<b>Rated current:</b> 160A	<b>Rated current:</b> 250A
<b>Number of poles:</b> 3P - 4P	<b>Number of poles:</b> 3P - 4P
<b>Use category:</b> AC-23A - DC-22A	<b>Use category:</b> AC-23A - DC-22A
<b>Rated making capacity (Icm):</b> 2.8kA	<b>Rated making capacity (Icm):</b> 6kA
<b>Rated short-time withstand current 0.3s (Icw):</b> 2kA	<b>Rated short-time withstand current 0.3s (Icw):</b> 3kA



### MSXM 400

<b>Rated current:</b> 400A	<b>Rated current:</b> 630A
<b>Number of poles:</b> 3P - 4P	<b>Number of poles:</b> 3P - 4P
<b>Use category:</b> AC-23A - DC-22A	<b>Use category:</b> AC-23A - DC-22A
<b>Rated making capacity (Icm):</b> 9kA	<b>Rated making capacity (Icm):</b> 9kA
<b>Rated short-time withstand current 0.3s (Icw):</b> 5kA	<b>Rated short-time withstand current 0.3s (Icw):</b> 5kA

## MSXM 250c

<b>Rated current:</b> 250A	<b>Rated current:</b> 3P - 4P
<b>Number of poles:</b> 3P - 4P	<b>Number of poles:</b> 3P - 4P
<b>Use category:</b> AC-23A - DC-22A	<b>Use category:</b> AC-23A - DC-22A
<b>Rated making capacity (Icm):</b> 6kA	<b>Rated making capacity (Icm):</b> 6kA
<b>Rated short-time withstand current 0.3s (Icw):</b> 3kA	<b>Rated short-time withstand current 0.3s (Icw):</b> 3kA

## MSXM 630

<b>Rated current:</b> 630A	<b>Rated current:</b> 3P - 4P
<b>Number of poles:</b> 3P - 4P	<b>Number of poles:</b> 3P - 4P
<b>Use category:</b> AC-23A - DC-22A	<b>Use category:</b> AC-23A - DC-22A
<b>Rated making capacity (Icm):</b> 9kA	<b>Rated making capacity (Icm):</b> 9kA
<b>Rated short-time withstand current 0.3s (Icw):</b> 5kA	<b>Rated short-time withstand current 0.3s (Icw):</b> 5kA

# Air circuit breakers



## MSXM 1000

**Rated current:**  
800A - 1000A

**Number of poles:**  
3P - 4P

**Use category:**  
AC-23A - DC-22A

**Rated making capacity (Icm)**  
17kA

**Rated short-time withstand current 0.3s (Icw):**  
10kA



## MSXM 1250

**Rated current:**  
1250A

**Number of poles:**  
3P - 4P

**Use category:**  
AC-23A - DC-22A

**Rated making capacity (Icm)**  
32kA

**Rated short-time withstand current 0.3s (Icw):**  
15kA



## MSXM 1600

**Rated current:**  
1600A

**Number of poles:**  
3P - 4P

**Use category:**  
AC-23A - DC-22A

**Rated making capacity (Icm)**  
45kA

**Rated short-time withstand current 0.3s (Icw):**  
20kA

## MSX AIR

GEWISS air circuit breakers in the MSX AIR range, with features like rated current from 800A up to 4000A and breaking capacities of 65kA, 85kA and 100kA, are designed for industrial applications that require high performance and safety. The availability of fixed or withdrawable versions offers ease of installation and maintenance. The presence of LSI standard electronic releases with LCD display for amperometric measurement or backlit LCD displays with analyser function, is a guarantee of advanced technology and increased monitoring and control capability. The optimisation of space, with the same height and depth in all sizes, is a practical advantage for installation where space may be limited.



## MSX AIR

**Rated current:**  
800A - 1250A - 1600A - 2000A  
2500A - 3200A - 4000A

**Breaking capacity:**  
65kA (800A, 1250A, 1600A, 2000A)  
80kA (800A, 1250A, 1600A, 2000A)  
85kA (2500A, 3200A)  
100kA (3200A, 4000A)

**Number of poles:**  
3P - 4P

**Release device:**  
Electronic LSI - LSIG

**Nota:** only available pre-assembled inside QDX 4000H low-voltage primary distribution boards.

# Rotary switch disconnectors

## MSS Range



**MSS** rotary disconnectors are a robust and reliable solution for disconnecting and switching circuits up to 630A.

The range offers four different dimensions, designed to efficiently manage both alternating and direct current, guaranteeing excellent performance.

# MSS

Reliability, safety,  
elevated performance

**MSS** rotary handle disconnectors guarantee reliability and safety for circuit disconnection up to 630A. Designed to ensure high levels of performance in a wide variety of application contexts, specifically for operation in different environments and contexts without any loss of performance or safety.

Due to their carefully designed and robust construction, **MSS** disconnectors offer reliable and long-lasting operation, while simultaneously ensuring the safety of operators within the electrical system.



## Fully compatible with accessories

To meet the most specific needs, the rotary switch disconnectors can be equipped with IP65 watertight handles (including shaft extension), auxiliary contacts, terminal covers and parallel connections.

## Performance and maximum resistance

**MSS** rotary switch disconnectors guarantee efficient performance both in alternating current and direct current, and ensure maximum resistance, both in cases of short circuit and a high number of switches in harsh usage conditions.

## Perfect integration

Due to the dedicated assembly kit and highly versatile installation, **MSS** disconnectors can be perfectly integrated with all boards in the **QDX** range.



**MSS 125**

**Rated current:**  
63A - 100A - 125A

**Number of poles:**  
3P - 4P

**Rated short-time withstand current x 1s (Icw):**  
2.5kA

**Rated making capacity (Icm)**  
12kA



**MSS 630**

**Rated current:**  
400A - 630A

**Number of poles:**  
3P - 4P

**Rated short-time withstand current x 1s (Icw):**  
13kA

**Rated making capacity (Icm)**  
45kA



**MSS 160**

**Rated current:**  
160A

**Number of poles:**  
3P - 4P

**Rated short-time withstand current x 1s (Icw):**  
4kA

**Rated making capacity (Icm)**  
16kA



**MSS 125**

**THREE-WAY SWITCH**

**Rated current:**  
63A - 100A - 125A

**Number of poles:**  
4P

**Rated short-time withstand current x 1s (Icw):**  
2.5kA

**Rated making capacity (Icm)**  
12kA



**MSS 250**

**Rated current:**  
250A

**Number of poles:**  
3P - 4P

**Rated short-time withstand current x 1s (Icw):**  
9kA

**Rated making capacity (Icm)**  
30kA



**MSS ATS 160**

**Rated current:**  
63A - 100A - 160A

**Number of poles:**  
3P - 4P

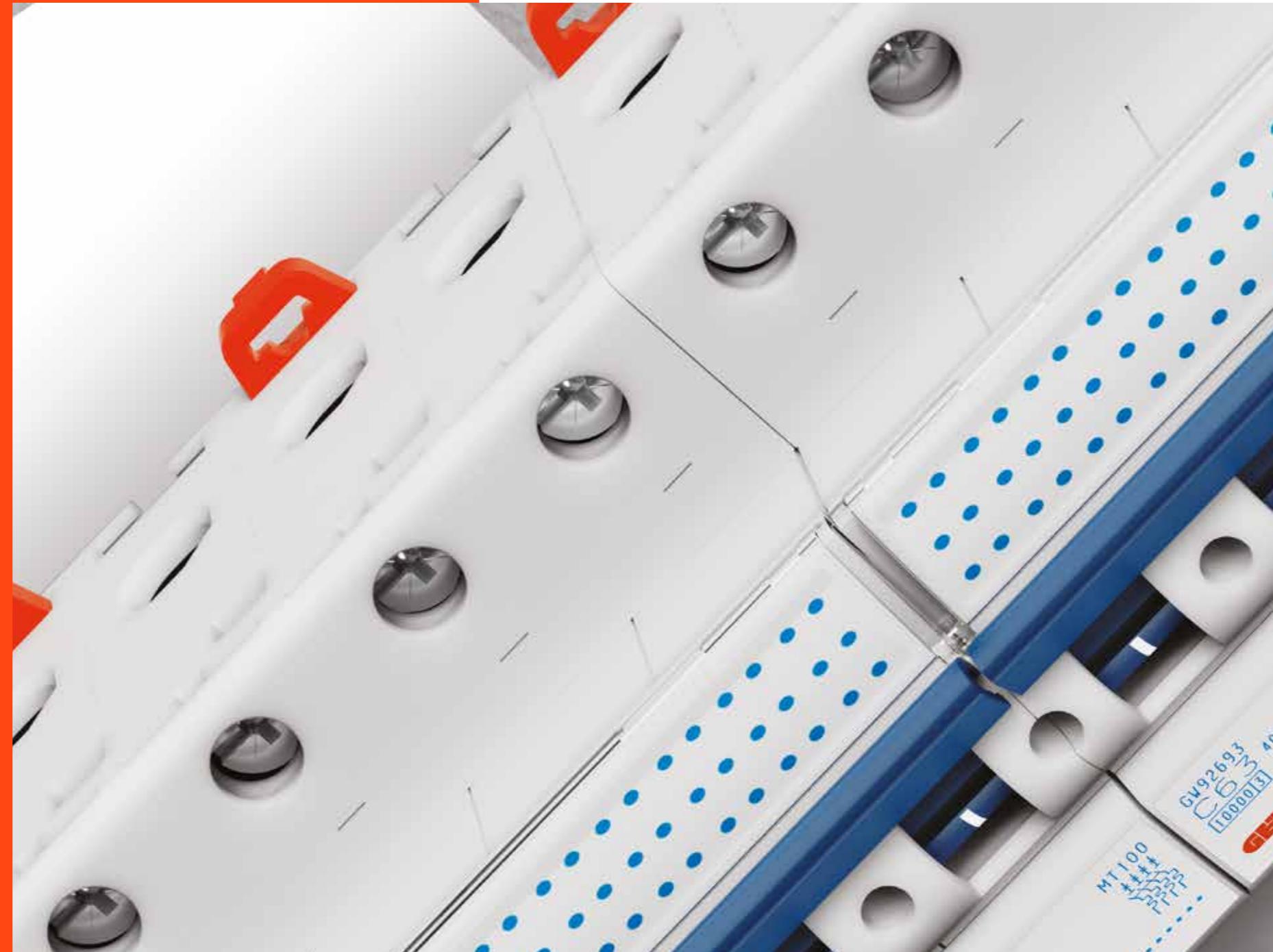
**Rated short-time withstand current x 1s (Icw):**  
4kA

**Rated making capacity (Icm)**  
17kA

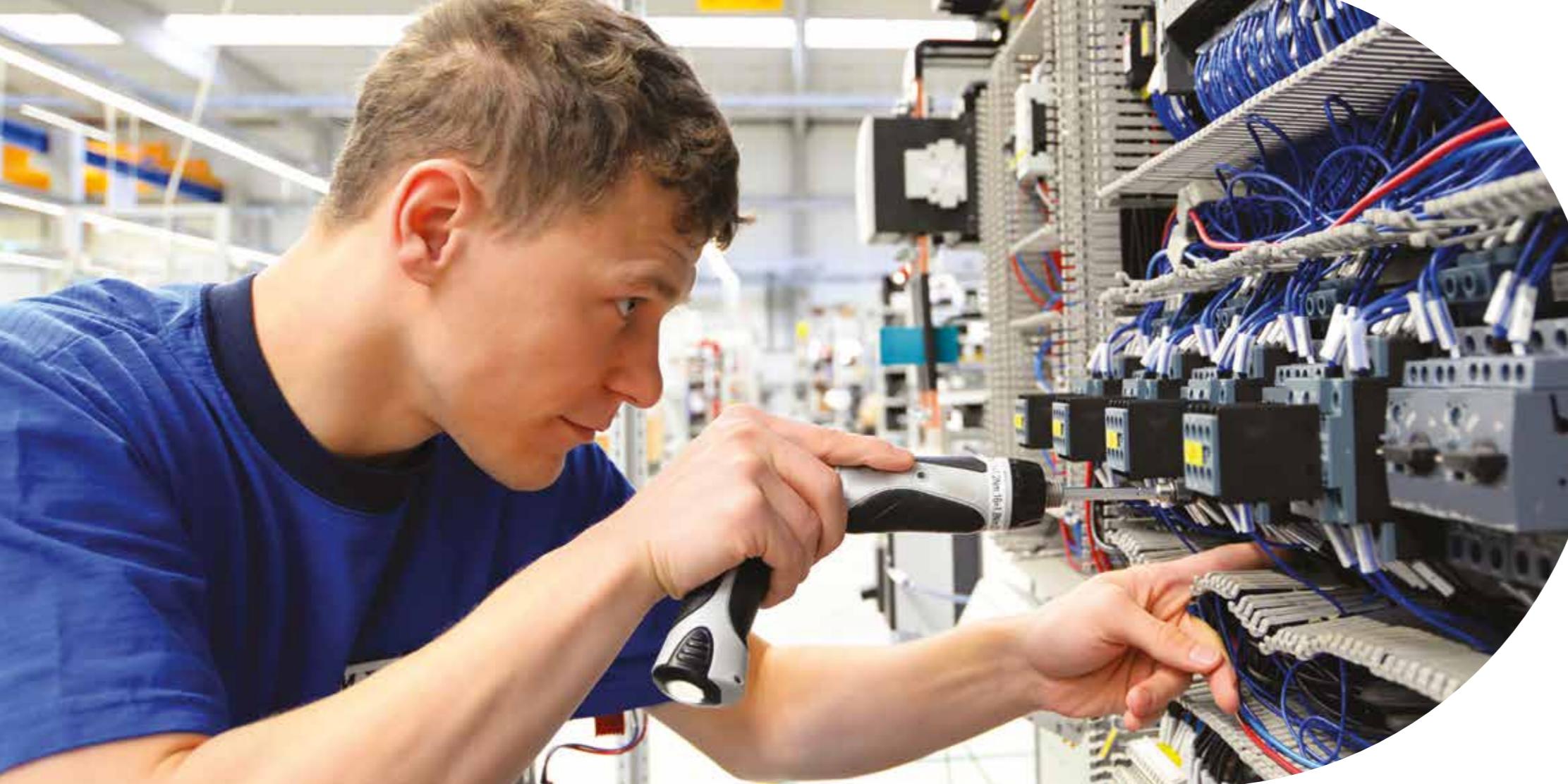
High performance  
levels and full  
integration

# Compatible, modular and evolved solutions

GEWISS products are the ideal solution for low-voltage power distribution, with a wide range of modular circuit breakers, rotary switch disconnectors and dedicated accessories for all types of assembly. The compatibility and synergy between the different models makes GEWISS the right choice for all applications that require dedicated, high-performance solutions.



# Optimised integration



## COMPATIBILITY

The complete compatibility of GEWISS solutions has the added advantage of ensuring an excellent level of safety for the system. All product lines are tested, and benefit from the decades of experience of GEWISS technicians.

## CONTINUOUS EVOLUTION

Modularity is also synonymous with evolution, thanks to the ability to change and update systems easily, integrating new functional units when necessary. Full accessibility and the use of standard components make maintenance and upgrade operations quick and easy.

## OPTIMAL SOLUTIONS

The flexibility of the ranges, the numerous accessories, and the wide range of solutions offered guarantee the best solution for each application. Functionality, high production standards and perfect mechanical design is a commitment that is always guaranteed by GEWISS.

ReStart Autotest PRO

Automatic reclosing devices



90 MCB

Circuit breakers for circuit protection



90 RCD

Residual current circuit breakers



90 AM

Modular accessories



Smart technology

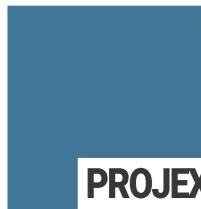
We meet every demand

GEWISS has always been attentive to the needs of its customers. This is why, over the years, it has developed a range of software that facilitates and speeds up the design, creation of documentation and remote management of systems.



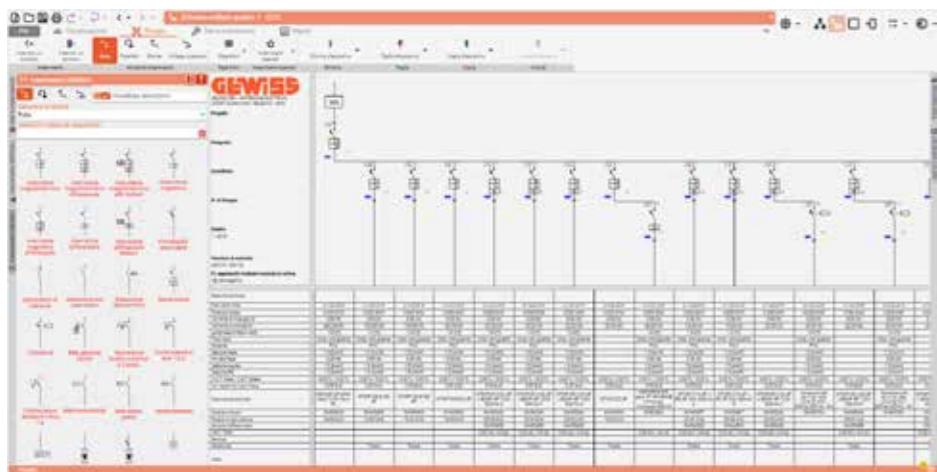
# PROJEX

## Software for the design and cost estimation of Low Voltage electrical systems and boards.



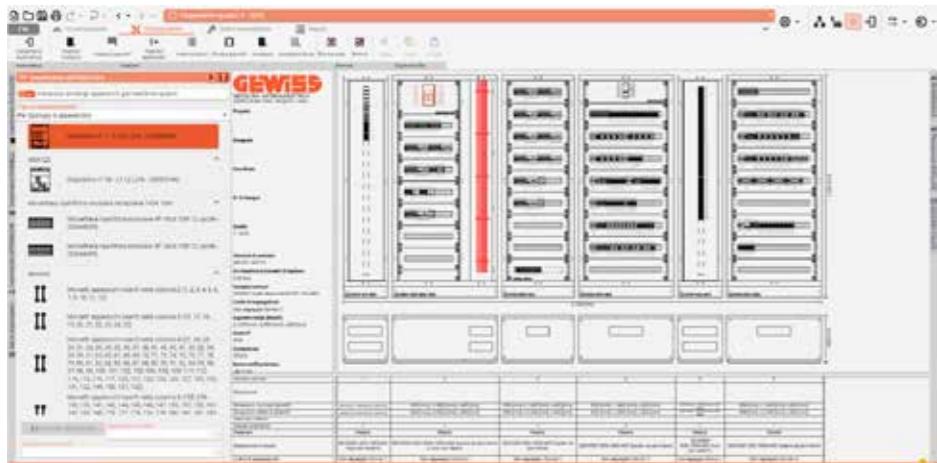
### PROJEX and PBT-Q

PROJEX is fully compatible with PBT-Q software (rev. 1: year 2001). PROJEX and PBT-Q can exchange all projects created since 2020.



#### Main functionalities:

- ⊕ Circuit diagram design and device insertion;
- ⊕ Calculation of network electrical parameters;
- ⊕ Board composition (manual or automatic);
- ⊕ System cost estimation;
- ⊕ Document exporting and printing.



 [Click here](#)  
to discover more

## CHARACTERISTICS AND ADVANTAGES



### Flexible use

Symbols can be entered into the design, defining how they are connected (range, parallel, start of a new board) or by dragging them directly onto the circuit with the mouse.

The devices can also be inserted directly without performing any calculations, selecting them according to their data via specific selection filters.



### Customisation of the work environment

The circuit diagram can be structured in various ways. Labels (block diagram, circuit diagram, frontview) can be customised.



### Electrical design facilitation

Once the circuit diagram has been completed, the network electrical parameters can be calculated; this will determine the choice of components (cables and devices), which will then be associated with symbols.



### Simplicity and speed of use

Automatic carpentry: with one click, PROJEX puts together a complete set of carpentry that can be modified by the user. The commands and the data are easily accessible and are provided with automatic explanations. Commands with one click: the main commands are instantly accessible by right clicking the mouse.



### Advanced graphics interface

The board can be configured with the option to visualize the devices and the circuit simultaneously.

Up to 2 active windows may be opened at the same time. Images of the devices facilitate their selection.



### Professional documentation

Materials lists can be structured in various ways (divided by board, subdivided into electrical parts and carpentry parts) Discounts, mark-ups and labour can be also included.

The project documents (diagrams, frontview, system data / devices / carpentry, materials list, etc.) can be exported in various formats.



### Versatility of use

The online version allows you to open and modify projects on a PC where PROJEX is not installed. The installable version lets you work in environments with unstable or no internet connection.

Advanced solutions  
for electricity  
distribution

# Selection guide

This guide is designed to supply useful information about GEWISS products for electricity distribution. Each product is supplied with simple and clear technical data. We offer the best solutions and most effective and efficient products, supporting our clients in the most appropriate choice for their application.



# QDX 630 L

## QDX 630 L - Wall-surface structures

Functional dim. (BXH)		600x1000 mm	600x1000 mm	600x1200 mm	600x1200 mm	850x1000 mm	850x1000 mm	850x1000 mm	850x1000 mm	850x1200 mm	850x1200 mm	850x1200 mm	850x1200 mm	300x1000 mm	300x1000 mm	300x1200 mm	300x1200 mm	
Depth		200 mm	300 mm	200 mm	300 mm	200 mm	200 mm	300 mm	300 mm	200 mm	200 mm	200 mm	300 mm	300 mm	200 mm	300 mm	200 mm	300 mm
Modular capacity	Pitch 150 mm	144 mod. (24x6)	144 mod. (24x6)	192 mod. (24x8)	192 mod. (24x8)	210 mod. (35x6)	144 mod. (35x6)			210 mod. (35x6)	192 mod. (24x8)	280 mod. (35x8)	192 mod. (24x8)	280 mod. (35x8)	-	-	-	-
	Pitch 200 mm	120 mod. (24x5)	120 mod. (24x5)	144 mod. (24x6)	144 mod. (24x6)	120 mod. (35x5)	175 mod. (24x5)	120 mod. (35x5)	175 mod. (35x5)	144 mod. (24x6)	210 mod. (35x6)	144 mod. (24x6)	210 mod. (35x6)	-	-	-	-	
Rear frames		GW D3 015	GW D3 015	GW D3 016	GW D3 016	GW D3 017	GW D3 017	GW D3 017		GW D3 017	GW D3 018	GW D3 018	GW D3 018	GW D3 018	GW D3 019	GW D3 020	GW D3 020	
Bases and heads		GW D3 001	GW D3 004	GW D3 001	GW D3 004	GW D3 002	GW D3 002	GW D3 005		GW D3 005	GW D3 002	GW D3 002	GW D3 005	GW D3 005	GW D3 003	GW D3 006	GW D3 006	
Front uprights		GW D3 007	GW D3 007	GW D3 008	GW D3 008	GW D3 007	GW D3 007	GW D3 007		GW D3 007	GW D3 008	GW D3 008	GW D3 008	GW D3 008	GW D3 009	GW D3 010	GW D3 010	
Side panels		GW D3 011	GW D3 013	GW D3 012	GW D3 014	GW D3 011	GW D3 011	GW D3 013		GW D3 013	GW D3 012	GW D3 012	GW D3 014	GW D3 014	GW D3 011	GW D3 013	GW D3 012	GW D3 014
Glass doors		GW D3 605	GW D3 605	GW D3 606	GW D3 606	GW D3 607	GW D3 607	GW D3 607		GW D3 607	GW D3 608	GW D3 608	GW D3 608	GW D3 608	-	-	-	-
Blank doors		GW D3 609	GW D3 609	GW D3 610	GW D3 610	GW D3 611	GW D3 611	GW D3 611		GW D3 611	GW D3 612	GW D3 612	GW D3 612	GW D3 612	GW D3 613	GW D3 614	GW D3 614	
Inner compartment		-	-	-	-	GW D3 031	GW D3 031	GW D3 032		GW D3 032	GW D3 033	GW D3 033	GW D3 034	GW D3 034	-	-	-	-
Coupling kit		-	-	-	-	-	-	-		-	GW D3 035	GW D3 035	-	-	-	-	-	-

NOTE: 850 mm wide structures can be used as 24-module structures plus internal compartment, adding the appropriate internal compartment kit.

NOTE: 300 mm wide structures are external wall-surface compartments dedicated to the cables, terminal board or bar system.

New Available from February 2025

# QDX 630 L

## QDX 630 L - Floor-standing structures

Functional dim. (BXH)		600x1600 mm	600x1600 mm	600x1800 mm	600x1800 mm	600x2000 mm	600x2000 mm	850x1600 mm		850x1600 mm	850x1600 mm	850x1600 mm	850x1800 mm	850x1800 mm	850x1800 mm	850x2000 mm				
Depth		200 mm	300 mm	200 mm	300 mm	200 mm	300 mm	200 mm		200 mm	300 mm	300 mm	200 mm	200 mm	300 mm	300 mm	200 mm	200 mm	300 mm	300 mm
Modular capacity	Pitch 150 mm	240 mod. (24x10)	240 mod. (24x10)	288 mod. (24x12)	288 mod. (24x12)	312 mod. (24x13)	312 mod. (24x13)	240 mod. (24x10)		350 mod. (35x10)	240 mod. (24x10)	350 mod. (35x10)	288 mod. (24x12)	420 mod. (35x12)	288 mod. (24x12)	420 mod. (35x12)	312 mod. (24x13)	455 mod. (35x13)	312 mod. (24x13)	455 mod. (35x13)
	Pitch 200 mm	192 mod. (24x8)	192 mod. (24x8)	216 mod. (24x9)	216 mod. (24x9)	240 mod. (24x10)	240 mod. (24x10)	192 mod. (24x8)		280 mod. (35x8)	192 mod. (24x8)	280 mod. (35x8)	216 mod. (24x9)	315 mod. (35x9)	216 mod. (24x9)	315 mod. (35x9)	240 mod. (24x10)	350 mod. (35x10)	240 mod. (24x10)	350 mod. (35x10)
Rear frames		GW D3 059	GW D3 059	GW D3 060	GW D3 060	GW D3 061	GW D3 061	GW D3 062		GW D3 062	GW D3 062	GW D3 062	GW D3 063	GW D3 063	GW D3 063	GW D3 063	GW D3 064	GW D3 064	GW D3 064	GW D3 064
Bases and heads		GW D3 615	GW D3 616	GW D3 615	GW D3 616	GW D3 615	GW D3 616	GW D3 617		GW D3 617	GW D3 618	GW D3 618	GW D3 617	GW D3 617	GW D3 618	GW D3 618	GW D3 617	GW D3 617	GW D3 618	GW D3 618
Front uprights		GW D3 047	GW D3 047	GW D3 048	GW D3 048	GW D3 049	GW D3 049	GW D3 047		GW D3 047	GW D3 047	GW D3 047	GW D3 048	GW D3 048	GW D3 048	GW D3 048	GW D3 049	GW D3 049	GW D3 049	GW D3 049
Side panels		GW D3 053	GW D3 054	GW D3 055	GW D3 056	GW D3 057	GW D3 058	GW D3 053		GW D3 053	GW D3 054	GW D3 054	GW D3 055	GW D3 055	GW D3 056	GW D3 056	GW D3 057	GW D3 057	GW D3 058	GW D3 058
Glass doors		GW D3 627	GW D3 627	GW D3 628	GW D3 628	GW D3 629	GW D3 629	GW D3 630		GW D3 630	GW D3 630	GW D3 630	GW D3 631	GW D3 631	GW D3 631	GW D3 631	GW D3 632	GW D3 632	GW D3 632	GW D3 632
Blank doors		GW D3 633	GW D3 633	GW D3 634	GW D3 634	GW D3 635	GW D3 635	GW D3 636		GW D3 636	GW D3 636	GW D3 636	GW D3 637	GW D3 637	GW D3 637	GW D3 637	GW D3 638	GW D3 638	GW D3 638	GW D3 638
Inner compartment		-	-	-	-	-	-	GW D3 083		GW D3 083	GW D3 084	GW D3 084	GW D3 085	GW D3 085	GW D3 086	GW D3 086	GW D3 087	GW D3 087	GW D3 088	GW D3 088
Coupling kit		GW D3 035		GW D3 035																

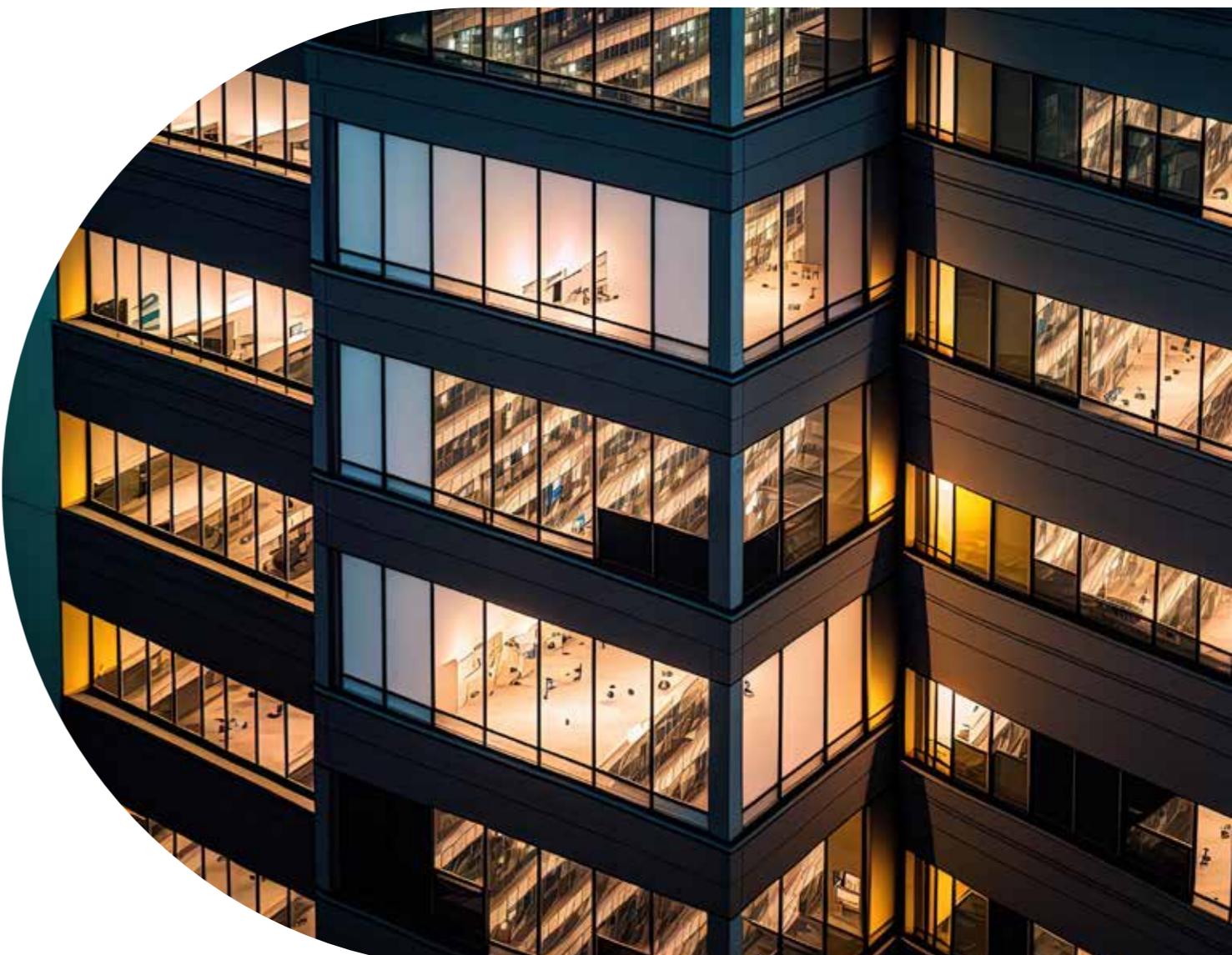
NOTE: 850 mm wide structures can be used as 24-module structures plus internal compartment, adding the appropriate internal compartment kit.

New Available from February 2025

# QDX 630 L

## QDX 630 L - Floor-standing external compartment

Functional dim. (BXH)		400x1600 mm	400x1600 mm	400x1800 mm	400x1800 mm	400x2000 mm	400x2000 mm
Depth		200 mm	300 mm	200 mm	300 mm	200 mm	300 mm
Rear frames		GW D3 065	GW D3 065	GW D3 066	GW D3 066	GW D3 067	GW D3 067
Bases and heads		GW D3 619	GW D3 620	GW D3 619	GW D3 620	GW D3 619	GW D3 620
Front uprights		GW D3 050	GW D3 050	GW D3 051	GW D3 051	GW D3 052	GW D3 052
Side panels		GW D3 053	GW D3 054	GW D3 055	GW D3 056	GW D3 057	GW D3 058
Blank doors		GW D3 639	GW D3 639	GW D3 640	GW D3 640	GW D3 641	GW D3 641



New Available from February 2025

# QDX 630 H

## QDX 630 H - Wall-surface structures

Functional dim. (BXH)		600x1000 mm	600x1000 mm	600x1200 mm	600x1200 mm		(600+200)x1000 mm	(600+200)x1000 mm	(600+200)x1200 mm	(600+200)x1200 mm	850x1000 mm	850x1000 mm	850x1200 mm	850x1200 mm
Depth		200 mm	300 mm	200 mm	300 mm		200 mm	300 mm						
Modular capacity	Pitch 150 mm	144 mod. (24x6)	144 mod. (24x6)	192 mod. (24x8)	192 mod. (24x8)		144 mod. (24x6)	144 mod. (24x6)	192 mod. (24x8)	192 mod. (24x8)	210 mod. (35x6)	210 mod. (35x6)	280 mod. (35x8)	280 mod. (35x8)
	Pitch 200 mm	120 mod. (24x5)	120 mod. (24x5)	144 mod. (24x6)	144 mod. (24x6)		120 mod. (24x5)	120 mod. (24x5)	144 mod. (24x6)	144 mod. (24x6)	175 mod. (35x5)	175 mod. (35x5)	180 mod. (35x6)	180 mod. (35x6)
Cases		GW D3 101	GW D3 107	GW D3 102	GW D3 108		GW D3 103*	GW D3 109*	GW D3 104*	GW D3 110*	GW D3 105	GW D3 111	GW D3 106	GW D3 112
Glass doors		GW D3 651	GW D3 651	GW D3 652	GW D3 652		GW D3 651	GW D3 651	GW D3 652	GW D3 652	GW D3 653	GW D3 653	GW D3 654	GW D3 654
Blank doors		GW D3 655	GW D3 655	GW D3 656	GW D3 656		GW D3 655	GW D3 655	GW D3 656	GW D3 656	GW D3 657	GW D3 657	GW D3 658	GW D3 658
Overlap kit		GW D3 121	GW D3 124	GW D3 121	GW D3 124		GW D3 122	GW D3 125	GW D3 122	GW D3 125	GW D3 123	GW D3 126	GW D3 123	GW D3 126

\*Cases are equipped with a side compartment (200 mm wide) for the cables, terminal block or bar system.

New Available from February 2025

# QDX 630 H

## QDX 630 H - Floor-standing structures

Functional dim. (BXH)		600x1600 mm	600x1600 mm	600x1800 mm	600x1800 mm	600x2000 mm	600x2000 mm		(600+300)x1600 mm	(600+300)x1600 mm	(600+300)x1800 mm	(600+300)x1800 mm	(600+300)x2000 mm	(600+300)x2000 mm	850x1600 mm	850x1600 mm	850x1800 mm	850x1800 mm	850x2000 mm	850x2000 mm
Depth		250 mm	400 mm	250 mm	400 mm	250 mm	400 mm		250 mm	400 mm	250 mm	400 mm	250 mm	400 mm	250 mm	400 mm	250 mm	400 mm	250 mm	400 mm
Modular capacity	Pitch 150 mm	240 mod. (24x10)	240 mod. (24x10)	288 mod. (24x12)	288 mod. (24x12)	312 mod. (24x13)	312 mod. (24x13)		240 mod. (24x10)	240 mod. (24x10)	288 mod. (24x12)	288 mod. (24x12)	312 mod. (24x13)	312 mod. (24x13)	350 mod. (35x10)	350 mod. (35x10)	420 mod. (35x12)	420 mod. (35x12)	455 mod. (35x13)	455 mod. (35x13)
	Pitch 200 mm	192 mod. (24x8)	192 mod. (24x8)	216 mod. (24x9)	216 mod. (24x9)	240 mod. (24x10)	240 mod. (24x10)		192 mod. (24x8)	192 mod. (24x8)	216 mod. (24x9)	216 mod. (24x9)	240 mod. (24x10)	240 mod. (24x10)	280 mod. (35x8)	280 mod. (35x8)	315 mod. (35x9)	315 mod. (35x9)	350 mod. (35x10)	350 mod. (35x10)
Bases and heads		GW D3 659	GW D3 660	GW D3 659	GW D3 660	GW D3 659	GW D3 660		GW D3 663	GW D3 664	GW D3 663	GW D3 664	GW D3 663	GW D3 664	GW D3 667	GW D3 668	GW D3 667	GW D3 668	GW D3 667	GW D3 668
Front uprights		GW D3 147	GW D3 148	GW D3 149	GW D3 150	GW D3 152	GW D3 153		GW D3 170	GW D3 156	GW D3 172	GW D3 158	GW D3 175	GW D3 161	GW D3 147	GW D3 148	GW D3 149	GW D3 150	GW D3 152	GW D3 153
Rear uprights and functional frames		GW D3 147	GW D3 148	GW D3 149	GW D3 150	GW D3 152	GW D3 153		GW D3 170	GW D3 171	GW D3 172	GW D3 173	GW D3 175	GW D3 176	GW D3 147	GW D3 148	GW D3 149	GW D3 150	GW D3 152	GW D3 153
Side panels		GW D3 675	GW D3 676	GW D3 677	GW D3 678	GW D3 680	GW D3 681		GW D3 675	GW D3 676	GW D3 677	GW D3 678	GW D3 680	GW D3 681	GW D3 675	GW D3 676	GW D3 677	GW D3 678	GW D3 680	GW D3 681
Rear panels		GW D3 684	GW D3 684	GW D3 685	GW D3 685	GW D3 686	GW D3 686		GW D3 687	GW D3 687	GW D3 688	GW D3 688	GW D3 689	GW D3 689	GW D3 690	GW D3 690	GW D3 691	GW D3 691	GW D3 692	GW D3 692
Glass doors		GW D3 696	GW D3 696	GW D3 697	GW D3 697	GW D3 698	GW D3 698		GW D3 696	GW D3 696	GW D3 697	GW D3 697	GW D3 698	GW D3 698	GW D3 699	GW D3 699	GW D3 801	GW D3 801	GW D3 802	GW D3 802
Blank doors		GW D3 803	GW D3 803	GW D3 804	GW D3 804	GW D3 805	GW D3 805		GW D3 803	GW D3 803	GW D3 804	GW D3 804	GW D3 805	GW D3 805	GW D3 806	GW D3 806	GW D3 807	GW D3 807	GW D3 808	GW D3 808
Blank doors for side compartment		-	-	-	-	-	-		GW D3 812	GW D3 812	GW D3 813	GW D3 813	GW D3 814	GW D3 814	-	-	-	-	-	-
Coupling kit		GW D3 217		GW D3 217	GW D3 217	GW D3 217	GW D3 217	GW D3 217	GW D3 217	GW D3 217										

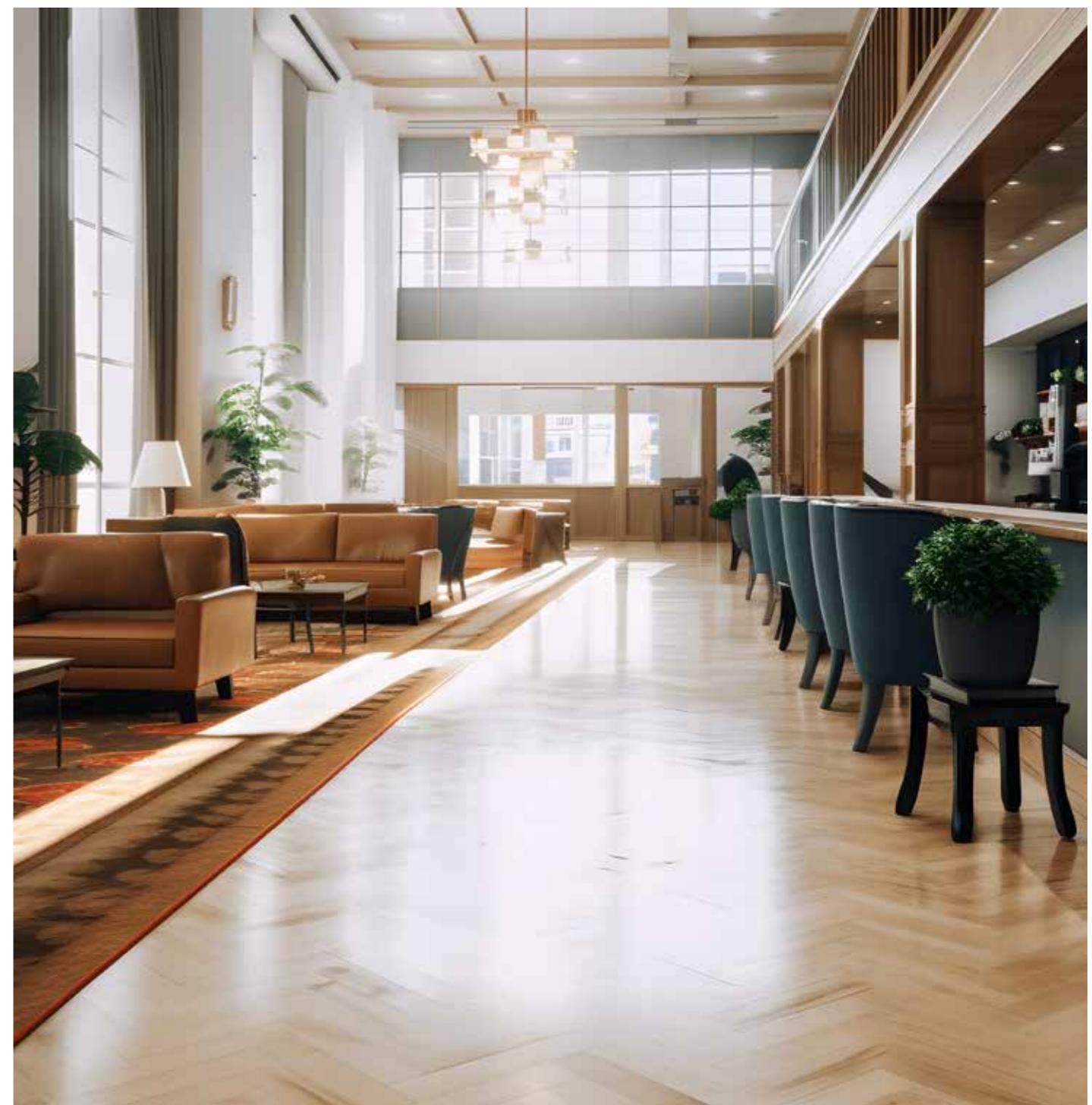
NOTE: 600+300 mm wide structures have a side compartment (300 mm wide) for cables, terminal block or bar system.

New Available from February 2025

# QDX 630 H

## QDX 630 H - Floor-standing external compartment

Functional dim. (BXH)		400x1600 mm	400x1600 mm	400x1800 mm	400x1800 mm	400x2000 mm	400x2000 mm
Depth		250 mm	400 mm	250 mm	400 mm	250 mm	400 mm
Bases and heads		GW D3 671	GW D3 672	GW D3 671	GW D3 672	GW D3 671	GW D3 672
Uprights		GW D3 163	GW D3 163	GW D3 164	GW D3 164	GW D3 166	GW D3 166
Side panels		GW D3 675	GW D3 676	GW D3 677	GW D3 678	GW D3 680	GW D3 681
Rear panels		GW D3 693	GW D3 693	GW D3 694	GW D3 694	GW D3 695	GW D3 695
Blank doors		GW D3 809	GW D3 809	GW D3 810	GW D3 810	GW D3 811	GW D3 811



New Available from February 2025

# QDX 1600 H

## QDX 1600 H - Floor-standing structures

Functional dim. (BXH)		600x1800 mm	600x2000 mm			(600+300)x1800 mm	(600+300)x2000 mm	(600+300)x2000 mm	850x1800 mm	850x2000 mm	850x2000 mm
Depth		600 mm	600 mm	800 mm		600 mm	600 mm	800 mm	600 mm	600 mm	800 mm
Modular capacity	Pitch 150 mm	288 mod. (24x12)	312 mod. (24x13)			288 mod. (24x12)	312 mod. (24x13)	312 mod. (24x13)	420 mod. (35x12)	455 mod. (35x13)	455 mod. (35x13)
	Pitch 200 mm	216 mod. (24x9)	240 mod. (24x10)			216 mod. (24x9)	240 mod. (24x10)	240 mod. (24x10)	315 mod. (35x9)	350 mod. (35x10)	350 mod. (35x10)
Bases and heads		GW D3 661	GW D3 661	GW D3 662		GW D3 665	GW D3 665	GW D3 666	GW D3 669	GW D3 669	GW D3 670
Front uprights		GW D3 168	GW D3 169	GW D3 169		GW D3 159	GW D3 162	GW D3 162	GW D3 168	GW D3 169	GW D3 169
Rear uprights and functional frames		GW D3 168	GW D3 169	GW D3 169		GW D3 174	GW D3 177	GW D3 177	GW D3 168	GW D3 169	GW D3 169
Reduced functional frames and rear uprights*		GW D3 168 R	GW D3 169 R6	-		GW D3 174 R	GW D8 177 R6	-	GW D3 168 R	GW D3 169 R6	-
Side panels		GW D3 679	GW D3 682	GW D3 683		GW D3 679	GW D3 682	GW D3 683	GW D3 679	GW D3 682	GW D3 683
Rear panels		GW D3 685	GW D3 686	GW D3 686		GW D3 688	GW D3 689	GW D3 689	GW D3 691	GW D3 692	GW D3 692
Glass doors		GW D3 697	GW D3 698	GW D3 698		GW D3 697	GW D3 698	GW D3 698	GW D3 801	GW D3 802	GW D3 802
Blank doors		GW D3 804	GW D3 805	GW D3 805		GW D3 804	GW D3 805	GW D3 805	GW D3 807	GW D3 808	GW D3 808
Blank doors for side compartment		-	-	-		GW D3 813	GW D3 814	GW D3 814	-	-	-
Coupling kit		GW D3 217	GW D3 217	GW D3 217		GW D3 217					

NOTE: 600+300 mm wide structures have a side compartment (300 mm wide) for cables, terminal block or bar system.

\*Reduced rear uprights and functional frames are only required in the case of busbars mounted horizontally at the head or base

New Available from February 2025

# QDX 1600 H

## QDX 1600 H - Floor-standing external compartment

Functional dim. (BXH)		400x1800 mm	400x2000 mm	
Depth		600 mm	600 mm	800 mm
Bases and heads		GW D3 673	GW D3 673	GW D3 674
Uprights and functional frames		GW D3 165	GW D3 167	GW D3 167
Side panels		GW D3 679	GW D3 682	GW D3 683
Rear panels		GW D3 694	GW D3 695	GW D3 695
Blank doors		GW D3 810	GW D3 811	GW D3 811

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## MSXc - Compact moulded case circuit breakers

MSX 160c



Release device		In [A]	16kA	16kA	25kA	25kA
			3P	3P+N	3P	3P+N
THERMAL-MAGNETIC	Adjustable thermal Fixed magnetic	25	GW D9 001	GW D9 011	GW D9 041	GW D9 051
		40	GW D9 002	GW D9 012	GW D9 042	GW D9 052
		63	GW D9 003	GW D9 013	GW D9 043	GW D9 053
		80	GW D9 004	GW D9 014	GW D9 044	GW D9 054
		100	GW D9 005	GW D9 015	GW D9 045	GW D9 055
		125	GW D9 026	GW D9 036	GW D9 066	GW D9 076
		160	GW D9 027	GW D9 037	GW D9 067	GW D9 077

MSX 250c



Release device		In [A]	16kA	16kA	25kA	25kA
			3P	3P+N	3P	3P+N
THERMAL-MAGNETIC	Adjustable thermal Adjustable magnetic	160	GW D9 087	GW D9 097	GW D9 107	GW D9 117
		250	GW D9 088	GW D9 098	GW D9 108	GW D9 118

## MSX - Moulded case circuit breakers

MSX 125



Release device		In [A]	36kA	36kA	36kA	65kA	65kA	65kA
			3P	3P+N	4P	3P	3P+N	4P
THERMAL-MAGNETIC	Adjustable thermal Adjustable magnetic	20	GW D9 121	GW D9 131	GW D9 141	GW D9 151	GW D9 161	GW D9 171
		32	GW D9 122	GW D9 132	GW D9 142	GW D9 152	GW D9 162	GW D9 172
		50	GW D9 123	GW D9 233	GW D9 143	GW D9 153	GW D9 263	GW D9 173
		63	GW D9 124	GW D9 134	GW D9 144	GW D9 154	GW D9 164	GW D9 174
		100	GW D9 125	GW D9 135	GW D9 145	GW D9 155	GW D9 165	GW D9 175
		125	GW D9 126	GW D9 136	GW D9 146	GW D9 156	GW D9 166	GW D9 176
		20	GW D9 201	-	GW D9 211	-	-	-
THERMAL-MAGNETIC	Adjustable magnetic	32	GW D9 202	-	GW D9 212	-	-	-
		63	GW D9 204	-	GW D9 214	-	-	-
		100	GW D9 205	-	GW D9 215	-	-	-
		125	GW D9 206	-	GW D9 216	-	-	-
		100	-	-	GW D9 195	-	-	-
TMG		125	-	-	GW D9 196	-	-	-

MSX 160 - MSX 250



Release		In [A]	36kA	36kA	36kA	65kA	65kA	65kA
			3P	3P+N	4P	3P	3P+N	4P
THERMAL-MAGNETIC	Adjustable thermal Adjustable magnetic	160	GW D9 127	GW D9 137	GW D9 147	GW D9 157	GW D9 167	GW D9 177
		250	GW D9 128	GW D9 148	GW D9 138	GW D9 158	GW D9 178	GW D9 168
	Adjustable magnetic	160	GW D9 207	-	GW D9 217	-	-	-
		250	GW D9 208	-	GW D9 218	-	-	-
		160	-	-	GW D9 197	-	-	-
	TMG	250	-	-	GW D9 198	-	-	-

MSX 400



Release		In [A]	36kA	36kA	36kA	50kA	50kA	50kA	85kA	85kA
			3P	3P+N	4P	3P	3P+N	4P	3P	4P
THERMAL-MAGNETIC	Adjustable thermal Adjustable magnetic	400	GW D9 361	GW D9 362	GW D9 363	GW D9 365	GW D9 366	GW D9 367	GW D9 368	GW D9 370

(New)

## MSXE - Electronic moulded case circuit breakers

MSXE 160		MSXE 250
Release	In [A]	36kA
	3P	36kA
	3P+N	36kA
	4P	65kA
	3P	65kA
	3P+N	65kA
	4P	125kA
	3P	125kA
	4P	
40	GW D9 302	GW D9 312
125	GW D9 306	GW D9 316
160	GW D9 307	GW D9 317
250	GW D9 308	GW D9 318
ELECTRONIC	LSI	GW D9 322
		GW D9 332
		GW D9 342
		GW D9 352
		GW D9 356
		GW D9 356
		GW D9 357
		GW D9 357
		GW D9 346
		GW D9 347
		GW D9 338
		GW D9 348
		GW D9 358
		GW D9 358
		GW D9 502
		GW D9 506
		GW D9 522
		GW D9 526
		GW D9 527
		GW D9 508
		GW D9 528

MSXE 400 MSXE 630											
Release device	In [A]	36kA	36kA	36kA	50kA	50kA	50kA	70kA	70kA	85kA	85kA
		3P	3P+N	4P	3P	3P+N	4P	3P	4P	3P	4P
ELECTRONIC	LSI	250	-	-	GW D9 329	-	-	GW D9 359	-	-	-
		400	GW D9 371	GW D9 372	GW D9 373	GW D9 375	GW D9 376	GW D9 377	-	-	GW D9 531
		630	GW D9 381	GW D9 382	GW D9 383	GW D9 385	GW D9 386	GW D9 387	GW D9 535	GW D9 537	-
	LSIG	400	-	-	GW D9 374	-	-	GW D9 378	-	-	GW D9 534
		630	-	-	GW D9 384	-	-	GW D9 388	-	GW D9 538	-

MSXE 1000

Release		In [A]	50kA	50kA	50kA	70kA	70kA
			3P	3P+N	4P	3P	4P
ELECTRONIC	LSI	800	GW D9 401	GW D9 402	GW D9 403	GW D9 561	GW D9 563
		1000	GW D9 406	GW D9 407	GW D9 408	GW D9 565	GW D9 567
	LSIG	800	-	-	GW D9 404	-	GW D9 564
		1000	-	-	GW D9 409	-	GW D9 568

**MSXE 1250**  
**MSXF 1600**

Release	In [A]	Terminals	50kA	50kA	70kA	70kA	
			3P	4P	3P	4P	
ELECTRONIC	LSI	1250	front	GW D9 411*	GW D9 415*	GW D9 581	GW D9 583
			rear	GW D9 412*	GW D9 416*	GW D9 585	GW D9 587
		1600	front	GW D9 421*	GW D9 425*	-	-
			rear	GW D9 422*	GW D9 426*	-	-
	LSIG	1250	front	-	GW D9 417*	-	GW D9 584
			rear	-	GW D9 418*	-	GW D9 588
		1600	front	-	GW D9 427*	-	-
			rear	-	GW D9 428*	-	-

\*Adding the letter B at the end of the GW codes proposed in table MSXE 1250 - MSXE 1600, gives the corresponding versions with mechanical interlock

## MSXD - moulded case circuit breakers with integrated residual current protection

MSXD 125					
Release Device	In [A]	3P	3P	3P+N	3P+N
		25kA	36kA	25kA	36kA
THERMAL-MAGNETIC RCD	20	GW D9 241	GW D9 261	GW D9 551	GW D9 571
	32	GW D9 242	GW D9 262	GW D9 552	GW D9 572
	50	GW D9 243	GW D9 263	GW D9 553	GW D9 573
	63	GW D9 244	GW D9 264	GW D9 554	GW D9 574
	100	GW D9 245	GW D9 265	GW D9 555	GW D9 575
	125	GW D9 246	GW D9 266	GW D9 556	GW D9 576

MSXD 160					
MSXD 250					
Release	In [A]	3P	3P	3P+N	3P+N
		25kA	36kA	25kA	36kA
THERMAL-MAGNETIC RCD	160	GW D9 247	GW D9 267	GW D9 557	GW D9 277
	250	GW D9 248	GW D9 268	GW D9 558	GW D9 278

## MSXM - Switch disconnectors

MSXM 160c		MSXM 250c		MSXM 400 - MSXM 630		MSXM 1000		MSXM 1250 - MSXM 1600	
In [A]	Terminals	3P	4P	3P	4P	3P	4P	3P	4P
160	front	GW D9 441	GW D9 442						
250	front			GW D9 443	GW D9 444				
400	front					GW D9 445	GW D9 446		
630	front					GW D9 447	GW D9 448		
800	front							GW D9 449	GW D9 450
1000	front							GW D9 451	GW D9 452
1250	front								GW D9 453*
	rear								GW D9 459*
1600	front								GW D9 455*
	rear								GW D9 457*
									GW D9 454*
									GW D9 460*
									GW D9 458*

\*Adding the letter B to the end of GW codes gives the corresponding mechanical interlock versions

## MSS - Rotary switch disconnectors

	MSS 125	MSS 160	MSS 250	MSS 630	MSS 125 selector (I OR II)	MSS ATS 160 automatic switch		
In [A]	3P	4P	3P	4P	3P	4P	4P	4P
63	GW 97 721	GW 97 724	-	-	-	-	GW 97 758	GW 97 762
100	GW 97 722	GW 97 725	-	-	-	-	GW 97 760	GW 97 764
125	GW 97 723	GW 97 726	-	-	-	-	GW 97 761	-
160	-	-	GW 97 727	GW 97 728	-	-	-	GW 97 767
250	-	-	-	-	GW 97 729	GW 97 730	-	-
400	-	-	-	-	-	GW 97 731	GW 97 733	-
630	-	-	-	-	-	GW 97 732	GW 97 734	-

## MMS - Auxiliary contacts

			
<b>MSS 125 - MSS 160</b> GW 98 514	<b>MSS 250 - MSS 630</b> GW 98 515	<b>MSS 125 - selector (I O II)</b> GW 98 516	<b>MSS 160 ATS - Automatic selector</b> GW 97 774

## MSS - Terminal covers (1 code = 1 piece)

	<b>MSS 160</b> 3P - 4P GW 98 508	<b>MSS 250</b> 3P GW 98 509	<b>MSS 250</b> 4P GW 98 510	<b>MSS 630</b> 3P GW 98 511	<b>MSS 630</b> 4P GW 98 512	<b>MSS 160 ATS - Automatic selector</b> 4P GW 97 773
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## MSS - Rotary handles - IP 65

				
<b>MSS 125 - MSS 160</b> Black handle GW 98 521	<b>MSS 125 - MSS 160</b> Red handle GW 98 524	<b>MSS 250 - MSS 630</b> Black handle GW 98 522	<b>MSS 250 - MSS 630</b> Red handle GW 98 525	<b>MSS 125 - selector (I O II)</b> Black handle GW 98 523
NOTE: all rotary handles include a shaft extension				

## MSS - Replacement handles

			
<b>MSS 125</b> GW 985 26	<b>MSS 160</b> GW 98 527	<b>MSS 250 - MSS 630</b> GW 98 528	<b>MSS 125 - selector (I O II)</b> GW 98 529

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**GEWISS S.p.A.**

Registered Office: Via Domenico Bosatelli, 1

24069 Cenate Sotto (BG), Italia

**T** +39 035 946 111

**E** [gewiss@gewiss.com](mailto:gewiss@gewiss.com)

[www.gewiss.com](http://www.gewiss.com)

Bergamo Business Register / VAT /Tax Code (IT) 00385040167

Economic and Administrative Index 107496 - Share Capital 60,010,000.00 EUR fully paid up

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